

Bird Notes

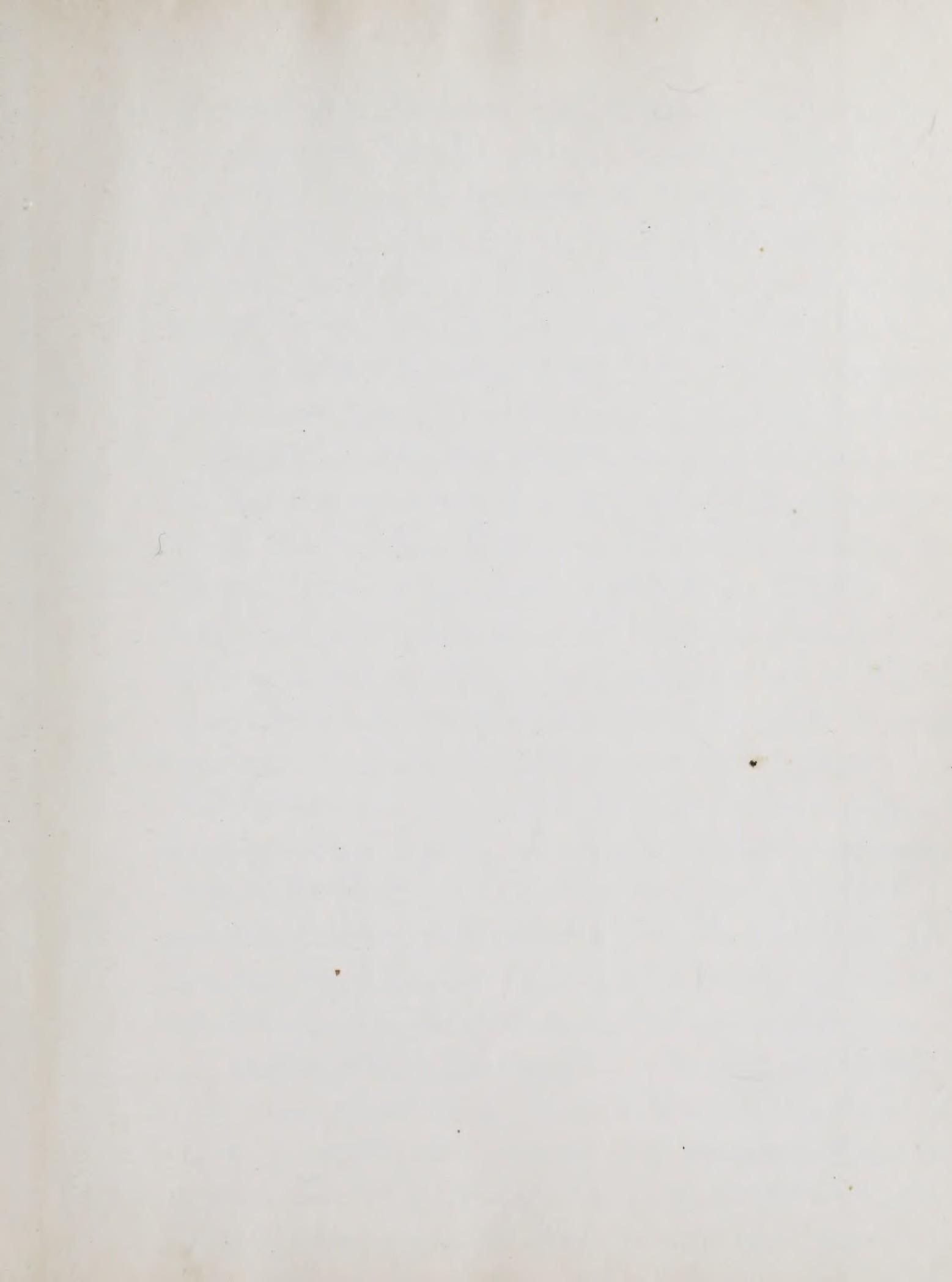
1931 - 1933

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1931

Berkeley.

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Jan. 11

A beautiful clear day. James and I took our lunch and drove to Dillon's beach to see the Black Sea Brants, leaving Berkeley about 11 a.m. We reached Tomales Bay about 1 p.m. and ate on the shore opposite Inverness. The water was without a ripple except where disturbed by a bird <sup>or birds</sup> and the view across to the wooded range to the west was marvelous. James could hear a low roaring sound which he said sounded like a distant freight train or the breakers on the beach. I could not hear the sound but after reading about the Sea Brant decided it was the noise made by the thousands of these birds out in the bay. They were so far away and the light so wrong for observation of details that I could only see that there were great flocks of dark colored birds on the water in spots where the water was all ripples.

After lunch we drove on to Dillon's beach which we reached about 3 p.m. It was warm and sunny, not a breath of wind - a very beautiful beach a mile or two long extending to the entrance of Tomales bay. In the other direction the beach ended almost immediately in a rocky point <sup>and</sup> but we could see Bodega <sup>Point</sup> to the north. Outside the breakers there were hundreds of Sea Brant. On the return trip along the north side of Tomales Bay we had better views of the Brant. West of Marshall's there was a very large flock which flew up and circled about. A boat full of hunters was shooting up on them and we heard a few shots -

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There were great flocks of cots and near Marshall's  
immense gulls. At several places on the bay  
and over the ocean there were many Brown Pelicans.  
A number of hawks were noticed - Sparrow Hawks frequently  
seen. One with dull white at base of tail, brown upper  
parts with white spot on wing may have been a Ferruginous  
Rough-leg. One perched on a cliff above Tomales Bay showed  
the throat and breast plain buffy, a densely streaked, darker  
band below. I took it for a Duck Hawk.

Jan. 12. Bird Section of faculty women came to watch birds on the table.  
A continuous succession of Song sparrows, Fox sparrows,  
brown and spotted towhees and bluejays came for food.

A Vigors wren came into the tree and to the pool. Chilly.

Jan. 13. Raining and warmer.

Jan. 23 Warm for January. First blossoms on plum tree out.  
Dr. Grinnell brought his class of 50 in two sections  
to watch the birds. Fox Sp. Song Sp. Br. Towhee H. Thrush  
and Quail came frequently to the table.

Jan. 24 Still warmer. Wild currant in bloom. Also lupines in  
Sunny Gulch. Sparrow Hawks calling continuously.

Jan. 25 Like spring. " " " " Thrasher.

<sup>Wren</sup> " Song Sparrows and Vigors Wrens singing. Heard Horned Owl often.

Feb. 9 Warm weather continuously since Jan. 23, much of the  
time cloudy but very little rain. Plum tree in full bloom.  
Many birds singing freely - Thrasher, song sparrow, V. wren,  
and occasionally titmouse & spotted towhee. Two quail (1 female)  
and a song sparrow sport new bands. Miss O'Connor told me

a few days ago that the tenants in her oldest house were having trouble with the gas furnace. The plumber found a dead bird in the flue. Went with bird section to the lower campus. Found a few birds among the coyons <sup>and</sup> near the large Monterey pines - Coast Jays, juncos, brown towhees and a hermit thrush. Heard a Spotted Towhee singing and also several Nuttall Sparrows. Found no birds at all along the creek or on the lawns or in the cultivated shrubbery near the Life Sciences building.

- Spent an hour in the Museum meadow banks singing. Song Sparrow sings at 6:40
- Feb. 11. Beautiful clear day after continuous cloudy weather but very little rain. Brunnera Pisardii and almonds in full bloom as also some of the early flowering double almond and a few early flowering peach.
- Saw White-throated Sparrow which has spent the winter at Mrs. Lear's garden, coming every day to her table.
- Feb. 13. Began to rain in late afternoon and rained most of the night. Still warm. Hear Barn Owl every night.
- Feb. 14. <sup>Rainy</sup> Bright morning. Rain Clear afternoon. Cooler.
- Feb. 15. Light showers. Cooler. Bought Pink Pearl Rhododendron
- Feb. 16. Cloudy. Cool. Robin sings every morning north west of home
- Feb. 17. Many of the quail are banded. Blue Fox Sparrow has been missing a tail since Feb. 10. Song Sparrow greeted dawn at 6:30.
- Feb. 18. Cloudy a.m. Heavy rain p.m. Robin singing.
- Feb. 19. Clear.
- Feb. 20. Eleanor came to find a home.







- Feb. 22 Drove to Santa Cruz via the coastal road; after lunch to Boulder Creek - here we planted seeds and measured birds.  
 23. Wore out 10 more light poles; took up and Woodmania poles for the Buell's garden. Drove home after lunch.  
 24. Pleasant weather.  
 25 Took & slight basket from S. F. to Los Angeles and traps  
 \* Feb. 25 Many wild flowers up near the mountains and the  
     large flock of <sup>at Guadalupe</sup> several Barn Swallows near the  
     ocean. Also new ones (sp?). Back to L.A. 1.28 p.m.  
 26 Los Angeles - Warm. Weather warm a m. Drove to  
     Palos Verdes p. m. Very cool but fine sun and patches  
     of blue sky near sea.  
 Mar. 1 Warmish ( $40^{\circ}$ ). Saw many Mocking  
 Mar. 2 "  $45^{\circ}$  " " Went to see Mr. Schubel's wood  
 Mar. 3. " " Took hot train back to L.A.  
     Mockingbirds were building a nest near Schubel's house  
     Bills flew around all morning; back in afternoon  
     Black Phoebe, Song Sparrow, Linnet, intermediate  
     booboo have every day.  
 Mar. 4 ~~Birds~~ <sup>desert</sup> ~~Wrens~~ singing; much cooler than last.  
     but some enough to have lunch in garden.  
 Mar. 5 Balance of winter now at end. Beautiful day.  
 Mar. 6. Cool. Took road up canyon with Buell, the 1st and  
     last jumps. First pair of turners in early catch,  
 Mar. 9. Rained last night. went with Bob Beck to search it.  
     Reservoir A large flock of robins - feeding on the ground  
     seemed to number 1000's; some small birds seen to  
     ocellated ground where one bird was seen on the ground.

kicking the meal from the seed. Finches are joined in the olive trees and pecks the meal from the seeds on the tree. Golden crowned sparrows do the same. Many sparrows are a He will Thrush etc the fruit being on the ground under the olive trees. I suspect the finches was eating olives too, but could not make sure of it. Song sparrow was singing freely; robins too. Farther up Mts Cat Canyon a Luminous Warbler was singing. Very few humming birds were seen. Eucalyptus trees not in full bloom yet - No flocks of bush tits were seen but many pairs.

Mar. 10. Rained all night - hard.

Mar. 11. Rained most of the day.

Mar. 12. Cloudy

Mar. 13. Drove down to Boulder Creek in afternoon Warm bring weather. Many orange wild flowers in bloom.

Mar. 14. Cool morning running bush. Afternoon planting seeds. St. Elmo home at 4 p.m. Many birds singing; finches, goldfinches, song sparrows,等等. Finches ate

Mar. 15. Weather like yesterday in afternoon; singing birds and dogs.

Mar. 16. Rained all night.

Mar. 17. Cloudy. Wrote some of letters and I began to paint a still life of the bird house. Took also 8' walk along the river bank and collected some plants - old dried ones.

Killed a small bird which I think was a sparrow. Found another bird which had just died; found it to be a sparrow. Near Ross;

Allen hummer, Willow Woodpecker chiseling nest hole in street tree (maple?); first seen with mate, copulation. Then female disappeared and male continued working at nest site as long as we watched. Allowed us to come within six or eight feet of the bare tree. Saw also Cal. gnat. Wren had lunch at Mrs. Santelmo's cottage where I heard chickadee, creeper, Kingfisher. Went on to Sears Pt. road where we watched some Lads. Sits, marsh sparrows and Bryant warblers Sparrows. Saw one Barn Swallow. In marshes we saw many coots, some redshins, a few pintails and mallards, a pair of green-winged teal, a few blues here, & there American Bait. Cooper hawks, blue herons, Curlew, etc. At last I saw a lot of sandpipers start over the bridge and down on the lower west side. Many shore birds were flying along the edge of the flats but we could not identify them. No Indians in the bay near the new Bondi Cormorate, W. & C. 10 miles, 2 miles in water. Mrs. Kelly reported Hastings' nest W. Flapadero 7 P.M. March 21. Went to Bondi Beach in afternoon and W. Flapadero where I bought a few traps, no bagman.

March 21. Hot breakfast much in cottage for first time, eating chicken, fish, eggs. Finished my run of west side. Hastings' ~~as~~ <sup>is</sup> one W. Flapadero with 2 young. Left at 4:30 p.m. dinner at caravan. 10 o'clock (p.m.) ate a little sea.

March 22. Light and winds. Cal. wren. Saw a ~~W. Flapadero~~  
~~W. Flapadero~~ in the Hudsons across the house. Harry Banks showed me a common bush tucker & I must do same.

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- Mar. 23 Cloudy day. Firs & Pines bare. Precipitated day.
- Mar. 24. Rained all the morning; clearing in afternoon.
- Mar. 25. Clear. Morning birds singing across canyon.
- Mar. 26 " "
- Mar. 27. Rain all day. Windy & blustery early.
- Mar. 28. Cloudy. Drove to Coal Creek, reaching there about 2 p.m. House & room house not burned much. Burned up fence. Mourning Lark, W. Flycatcher, Belding's Warbler singing here & now.
- Mar. 29. Weather not very crisp. Worked till 11 a.m. then drove home. Highway full.
- Mar. 30. Beautiful day. Many birds singing: Thrasher, V. wren, Song Sparrow, Titmouse, Sulphur-crested Warbler, Townsend Purple Finch, <sup>W. Flycatcher</sup>, Golden-crowned and Dnt. White cr. Sparrows, W. Flycatcher near house. Also female Allen Hummer.
- Mar. 31. Warm. Wisterias in full bloom. Birds have deserted feeding table. Many worms eating oak leaves. Judging from droppings Fox sp., Hermit Thrush and Kinglet (singing) shot here. Dnt. White cr. & Y c Sparrows and Townsend Warblers evidently migrating through in numbers.
- Apr. 1. Cloudy morning. Clear afternoon. Belding's Warbler heard more frequently. Robins (~~sparrow?~~) in the street and gardens. Mrs. Parsons reported that an Allen Hummer had a nest in her doorway; started while she was away. Now the bird feeds at her as she sits there, painting.
- Apr. 2. Clear, crisp. Gulls rising over hills with shrill calls (migration flight?) Many dnt. Sparrows & Townsend Warblers. Hermit Thrush singing (a.m.) Worms eating new leaves on oaks; a few tent caterpillars seen. Robins hunt the worms.

Apr. 3. Drove to Boulder Creek, reaching there 4 p.m. Worked till 7 p.m.

Apr. 4. Boulder Creek. <sup>Purple finch gathering nesting material</sup> Cassin Vireo common. 1 Black headed Grosbeak

<sup>Food left on</sup> saw several times. Started home at 10 a.m. via Saratoga.  
table in Berkeley untouched.

Palo Alto & Dumbarton Bridge Almost no birds at the  
bridge (tide coming in, almost high.) Saw two ducks (p.?)  
<sup>Marsh Hawk & many Cliff Swallows</sup>  
one W. Grebe, a few sandpipers in flight, <sup>Butcher Bird</sup>  
<sup>and Golden-crowned</sup>

Apr. 5. Woods are full of birds - int., parows, Purple Finches,

Robins, wrens. Townsend Warblers in flocks, <sup>All came to new pool.</sup> also H-c

Kinglet, Hermit Thrush. Mrs. Robin reported House

Wren on Canyon Rd. <sup>Wren</sup> Beautiful weather but cloudy.

Apr. 6. Fox Sparrow calling excitedly in early morning.

Hermit Thrush singing. Flocks of same birds as  
yesterday and thronging to pool; esp. robins and purple  
finches. Watched purple finches eating cut worms

<sup>W. fly  
catcher  
abundant</sup> a flock of 8-10. Could hear the noise made by  
their bills - a sound something like that made by  
the cicadas in Marin Co. Estimated that they ate  
about 300 cut worms in  $\frac{1}{2}$  hr. Then they came to  
the pool to drink. Robins bathing continually.

They pick up the best cat pillars from the ground  
and tree trunks and branches. Robins & finches

<sup>Heard House Wren also Towhee Warbler</sup>  
singing freely; also Townsend Warbler & int. & c. Sparrows.

Apr. 7. Black-headed Grosbeak in garden at 8:30 a.m. Kinglet  
heard. House wren in several places - a pair heard singing.  
Saw an American Warbler from n. porch - singing and  
in full plumage. All birds as yesterday except Kinglet.

Broken clouds. Pairs of purple finches - female <sup>in garden</sup> gathering roots  
for nest. Also flock of " "

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Apr. 8. Black headed Grosbeak singing: also Hermit Thrush -  
and Warblers. Fox sp., Nutt. & Sc Sparrows, Townsend Warbler,  
Nuthatches, Titmice, Pine Siskins; Polynesian Warbler; Pil Warbler  
abundant; heard once occasion ally to take nothing  
else. All eat worms. Trees badly infested -  
Beautiful day - absolutely clear.

Apr. 11. Audubon Warbler. Hermit Thrush, Crowned Sparrows,  
Warblers. Townsend Warbler and Fox Sparrow here still.  
Mosquitos thick up at a berry Canyon.

Apr. 12. Chilly, a little rain at night.

Apr. 13. Chilly, cool, late - partly cloudy. Went to the Diablo Country Club for the 1st meeting of the Far West Bird section.  
Birds were very abundant. Many worms on oaks, willows,  
and ground. Birds seen were Turkey Buzzard, several;  
Red Tailed Hawks, several; heard many pairs: Allen Hummer (1);  
Calif. Woodpecker very ab.; Red Headed Woodpecker ab.; Willow  
Woodpecker 1; Black Phoebe, several (one pair picked up  
worms from the paved road constantly); W. Flycatcher ab.;  
West gnatcatcher several above lake; Coast Jay; Calif Jay;  
Titmouse ab.; Bush-tit, several pairs; slender-billed Nuthatch  
ab.; W House Wren ab.; W Robin ab.; Pacific Wren near lake;  
Cassin Vireo, several; Hutton Vireo (1); Green Warbler, several;  
Hudsonian Warbler, small flock, full plumage, singing.  
Townsend Warbler " " " Entomologist  
Warbler, several; Western Mockingbird ab.; Brewer's Blackbird ab;  
Mallard duck ab.; Red Rock Lark, 2 seen between Diablo Ranch;  
Sparrow ab.; Laz. Mr. Gurney (hard once); Junco ab.; Green ab.; Goldfinch  
ab.; Yellow Warbler, large flock near lake; Spurred Dr. Whee, Gambel's  
Gambel's

38 species

Apr. 14. Took Beginner's Class to head of Strawberry Canyon.

Beautiful day. Mosquitos gone. (Erased last night.)

Birds very ab. Swallow, flicker, V. Flycatcher, B. Roseate, Red-sh. Flycatcher, House W., Thrasher (adult), Mountain, Bush tf., Titmouse, Anna H., Allen H., Rufous H., Green-tail, Chestnut, Towhee, Townsend Warbler, Warbling Vireo, Cal. & Crested Fly, Br. & sp. Towhee, Song sp., G-C & Fox Sparrows, House sp., White sp. (Red. Tanager), Bluebirds (Bol. gardens) Hermit Thrush.

Apr. 15. Finished Bird Lore Report. Migrants thinning out but all winter residents except Rock Kinglet still here. Warm.

Apr. 16. Home. Game talk in evening at Women's City Club.

Apr. 17. out to Boulder Creek. Black-throated Gray Warbler and Olive-sided Flycatcher abundant.

Apr. 18. Returned to Berkeley in the evening ~~sooty~~.

Apr. 19. Much warmer. Hot in middle of day. Birds very quiet.

Apr. 20. Hot. a little east wind. Took "Lady-Birds" up to head of canyon. Very few birds as compared with last week. G-C Sparrows still here. Trees had been sprayed during week. Fox Sparrow at dusk.

Apr. 21. Cooler. Fog on bay. G-C Sparrows came to bathe. Fox Sparrow heard. Steller Fly in evening.

Apr. 22. Cloudy, cool. Took Beginner's class to Lake Sonoma. Only one W.V. G-C Sparrow. Lewis Benting and Long-tailed Chat. Windy in afternoon. Showers in evening. Migrant Violet-green swallow near Moraga.

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- Apr. 23. Cloudy, breezy. Cooler. A Western Tanager was calling when I got up.
- Apr. 24. Cloudy cool. Saw a Golden-cr. Sparrow in the pool. A family of bush tits on the wing came into oaks near the house. Mrs. Mead reported <sup>on the 20th</sup> a family lined up on a branch April 19 (?) .
- Apr. 25. Showers. Cool. W. Flycatcher ~~seems to have a mate~~.
- Apr. 26. A Lazuli Bunting was singing near the house all the morning. Heavy rain in the afternoon. Warm.
- Apr. 27. Still cloudy. The W. Flycatcher is already sitting on the nest under the porch. (See p. 16.)
- Apr. 28. A family of Titmice came into oaks near house.
- Apr. 29. Cloudy. Clearing in afternoon. Warm. Went with "Laddie Birds" to Livermore stopping a little while at Oak Springs where birds were very abundant: quail, both jays, flicker, W. flycatcher, house & Vag. Wrens, titmous, bush tits, meulits, Warbling vireo, yellow, piledated duck, scut and Tolmie warblers, sp. towhees, song sp., insect, grosbeak. (McCon ranch)
- At Arroyo Muelito, hilldeer were much disturbed by our presence: saw one baby hilldeer running very rapidly along bank of stream. There were many turkey buzzards.
- Eng. Sparrows among the aspens; also larks, bush tits, gnatcatchers, towhees, chickadee, Calif. Jay, Nuttall woodpecker, orioles, bluebirds, house wren, Warbling vireo, yellow warbler, grosbeak, meadow lark. Two miles above at the bridge over the stream which was ~~despite~~ very full (Hetch-Hetchy water?), birds were very abundant: a plainolepla, Lawrence, Willow & Green-b. Goldfinches, morning doves, Lark Sparrows, orioles, cliff swallows, Kingbirds, Red-tailed hilldeer, ash-throated flycatcher, Brown-Blackbirds, Anna Hummers, bluebirds, also warblers, finches, Lazuli bunting (heard) and chat (heard) with its nest.
- Red-t. Blackbirds & Swallows along way - 16 species (Prairie Falcon?)

April 30. Took beginner's class to Golden Gate Park.

Partly cloudy but no wind. Water very calm - iceglass. A number of Foster Terns were flying northward across the bay. We spent an hour or more before lunch near North Lake. A Ruddy Duck in full plumage was courting two females which paid no attention to him until he swam away when they turned and followed him. He erected the white feathers on his cheeks till they looked twice as large and brilliant as usual, rattled his bright blue bill and bobbed his head. A mother mallard with ten baby chicks drove him away when he came too near her brood. A pair of Hutton Vireos were feeding their young birds perched in an acacia tree. During lunch a Russet-backed Thrush sang repeatedly in the tree immediately in front of us - a Lazuli Bunting was singing and dozens of song sparrows. Many other singing birds - Spotted Sandpiper, etc. at lake.

May 2. At Boulder Creek the Russet-backed Thrush, Lazuli Bunting, Wood Pewee and Ash-throated Flycatcher had come in since my last record. W. Tanagers and Robins were heard - the last in flocks. The Black-headed Grosbeak was the first bird to begin singing in the morning. It began several minutes earlier than the Olive-sided Flycatcher and sang continuously till day light, beginning before dawn. Purple Finch, W. Flycatcher and Iridescent Warblers were the birds which followed the Olive-sided Flycatcher.

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May 6. Sunday. I was awake before 4 a.m. and kept the following record of bird calls & songs:

Purple Finch

	4:10	4:20	4:35	4:40	4:45	4:50	4:55	5:00	5:10	
Purple Finch										
" Screech Owl		v								
Song Sparrow	v				v					
Brown Towhee		v v v v v v v v	v v v v							
Lutes. Warbler		v v v v v v v v	v v v v v v v v							
W. Tit. Thrush		v v v v v v v v	v v v v v v v v							
Sp. Thrush		v v v v v v v v	v v v v v v v v							
Yellow War.		v v v v v v v v	v v v v v v v v							
Hosptk		v v v v v v v v	v v v v v v v v							
Wrentit		v v v v v v v v	v v v v v v v v							
Flicker		v v v v v v v v	v v v v v v v v							
Jay (Cal)		v v v v v v v v	v v v v v v v v							
Band-tit		v v v v v v v v	v v v v v v v v							

Dark

Gent.

Clear.

April 27.

Purple Fin.

Moloth.

W. Tit.

S. Sp.

Sp. Li.

Sp. W.

C. Jay.

W. Tit.

W. Vireo

Duck

Duck

Duck

May 7. Last bird trip to Saranac - beginners. Hot with east wind or no wind. Found Orioles, Towhees, Barn & Cliff Swallows, B. Phoebe, Mourning Doves, Yellow Warbler, Niltava, Woodpeckers, Catbird, Magpie, No. vireo, Warbling Vireo, Sp. Hawk, Redtail, Bewicks & Redwing Blackbirds as well as W. Fly. Tockus. Bush Tit, Titmouse (having morning)

May 9. Round trip. Hot. At Devon

Wren	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v
W. Tit.	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v
Sp. W.	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v
Sp. H.	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v
W. Fly.	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v
Sp. W.	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v
Brown Thr.	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v
Cassin V.	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v	v v v v v v v v

Cooler May 10. a.m. Windy. Returned, a.m. May 11.

Found Cassin Vireo many tanagers. nest. Male very tame. Both birds fed and brooded young. Interval 15-20 min. Cool. Lutes. W. off out of nest.

May 12. Cool.

May 13. Showers, light. Cormorants in trees.

May 14. Cool. cloudy 2-4. Chipping sparrow.

May 15, 16, 17. cool meeting of Cooper Club.

May 17. Home Breakfast for Board of Trade now <sup>about</sup> thousands of red winged blackbirds.

May 18. Started in at 7 a.m. to Holdre Creek. Slept in car. Could hear wind roaring in trees outside. It did very little reached the floor of the valley 91° in S.F.

May 19. Very hot day. Thrush and Grosbeak began singing at 4:20. Purple finches especially. Here we need this song for several reasons. At 8 a.m. I met the rest of the Cassin Vireo crew, still in nest; one 6 ft. to South, one 15 ft. N. Feedings very frequent but standard. The male was feeding no. 1 (N) when I arrived. No. 2 (S) was not fed until 8:25 but was fed six times between then and 8:45 and moved a little further after each feeding. No. 3 in the nest was not fed until 9:15 and then several times. The male seemed to confine his attention to no. 1. The female to 2 and 3, using occasionally a trilling note chee, chee, chee, chee, chee. The bird in the nest used a single chee usually; the others, chee, chee or chee, chee, chee. Passagers were singing all day. Hotter at Santa Cruz at dinner time than in mts.

May 20. Baby Cassin Vires in the nest all day; others in near neighborhood of nest. Wonderful chorus at dawn with Thrush and grosbeak the first to begin. Kingfishers conspicuous though not heard on previous visits. Chipping Sparrow heard first time. Drimnet flock which has been on the upper side of the Winkleback place have dispersed. Hot. No wind.

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Sp. T. began singing at 4 a.m. clear.

May 21. Came back last night to Berkeley so as to water garden. Hills turned very brown during the three days of heat. Turned cold p.m.

May 22. Chorus of bird song began at 4:20 (high fog); Sp. T., Lucy warbler, thrush robin (in distance), grosbeak, B. Towhee (4:30), thrasher (first time for several weeks), song sparrow, Tufted wren, jay. Cut roses preparing. Yesterday I put muskmelon seeds on the feeding tray which has been empty since late March. A family of titmice came into the oak and parents took seeds to the young; also jay, sp towhee and brown towhee.

May 23. Thrasher & Olive Warbler singing. Went with Eleanor and children to Boulder Creek. In mountains clouds were gathered and in late afternoon it began to rain. Rained hard all night.

May 24. Rained all day. Tanagers were singing. Nuggetters calling frequent. By 1 young Cassin Vireo in tree near nest. Song of male heard occasionally. The young Vireo flew short distances from branch to branch and once caught an insect.

May 25. Cloudy in morning. Increasing cloudiness during day. Rained at night.

May 26. Fog (light) in morning. Beautiful day. Had about 2 inches of rain. At 3:40 a.m. the Wood Pewee began calling occasionally and a little later I thought I heard the Purple Martin. At 4 the martin was heard distinctly - the first time for several years (I was sleeping on the porch). At 4:13 the W. Flycatcher began; then the Chestnut Warbler <sup>4:05</sup>; then the grosbeak which sang continuously until 4:30. The blue-side <sup>4:11</sup> juncos, thrush, pileolated warbler, brown towhee soon after. The Warbling Vireo <sup>4:10</sup> chickadee about 4:40 and the Cassin Vireo and Tanager toward 5 a.m. The grosbeak sings many variations and so long that I cannot hear instant comes after he begins. At 5 p.m. I could hear a Hermit Thrush in distance. Worked on garage floor.

May 27. At 4 a.m. the grosbeak, spotted and brown towhee and bileyent warbler were singing. I did not stay awake to hear others. Tanager sang frequently all day. Hermit Thrush heard. Worked all day on garage floor - finished 5 p.m.

May 28. Beautiful weather. Returned to Berkeley via Niles Canyon. Suite hot in Contra Costa Co.

May 29. Cool. Few birds singing. Moths flying about oaks again.

May 30. Cooler. Fog morning & evening.

June 1. Young thrashers bathing in the pool. Chilly fog.

June 4. House wren singing near boxes all the morning. Sun again.

June 5. Boulder Creek. Morning chorus of birds just as loud as last week with grosbeak, tanager, purple finch, 4 warblers, towhees, <sup>inc</sup> red breasted and olive-sided flycatcher. Could not hear the brush except its whistle at the beginning; later it was the main singer. It showered in the evening.

June 6. Only morning sunny afternoon; a light shower about 4 p.m. Busyness very active. Tanagers still singing.

June 7. Cool. Finished burning the spruce stumps. Sun raised part of frame of garage. Hard Hermit Thrush.

June 8. Grand bird chorus at noon. Tanagers singing. Rainy. Rain quite wet. Heavy showers in Berkeley this at Boulder.

June 9. Very few birds about. At dawn 2 towhees and grosbeak are harsh in distance. Later a Thrasher singing. Worked in garden. Rained quite a bit last night. Partly cloudy during day.

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June 11. Mrs. Leavens took me for a drive into the Harvard hills with Miss Hubbard, a professor of biology from Wellesley. We found 2 Hutton Vireos at each stop we made - four - Tolmie's Warblers as well as most of the common birds - At Missionwood Park, where we stopped a few moments on the way home in a small salt marshified area - sounded a little like the last four singing notes of one type of song sparrow song but with a louder, coarser quality. A guess of the bird suggests the Spotted Towhee - Possibly its song had been influenced by some bird in the aviary - June 14 Sunday spent the morning in after id. a berry canyon with Miss Margaret Fey of Somerville College, Oxford. The unusual birds except (for this season) a Sleepy-blinned House which could also be half and probably, with several very small birds flying about him and among him. June 15. Drove in afternoon to Boulder Creek. Rain at night. June 16. Rained hard until about 11 a.m. when we drove out of the rain into sunshine at Santa Cruz. Bought plants - tiny purple flowers, pink violets, delicate, pale yellow which I planted in afternoon. Sun is just beginning to move.

June 17. High Sierra heat still here. Watched Grizzlies at South Bay Bank (at long range) on the 17th. Don't know what they eat, or what they do. June 18. In afternoon, flock of chickadees, 25+ gathered. Chickadee at Sunol. June 22. Thrushes & Toms. Weather improving steadily. June 25 - 29. Boulder Creek. Hot on 26<sup>th</sup>. Fewer birds singing. Thrush most prominent. No Tanagers. Mr. Thruel Flycatcher & Chipping Sparrow frequently. Bluebirds near my camp. Creeks bare in our place - Heard Purple Martins <sup>before dawn</sup> & Hermit Thrush.

- June 24-25 (Continued) - Warm. The birds are still singing and  
hunting. Western Meadowlarks, Field Larks, and  
Horned Larks are still singing.
- July 1. Weather still warm. Long-billed Curlews had often  
been singing above the coast at sunset. Grays,  
were noticed coming in & not landing again  
(possibly migrants?)
- July 2. Warm. Pelicans singing; also Black-bellied Plover,  
American N. Plover. Horned Larks were here.  
Long-billed Curlews all through day till evening.  
July 15, 17. Boulder Creek. Found rock Thrushes & a few seabirds.  
Pelicans are still singing in the early morning. Not  
in middle of day. They came in great numbers, esp.  
with overwing V's. Cranes had frequently been  
seen in the marshes. At first it was not known if Dr.  
Bentley July 20, 21, had found them. However, they  
are in fact numerous & present. Some still singing  
middle of the day on hillside above marshy trees?
- July 23. Started to Los Angeles, spending first night at Boulder Creek.
- July 24. Stopped at Moss Landing where I found shore birds  
quite numerous in the lagoon. One Curlew was Long-  
billed, others Hudsonian. Some Godwits, Willets and  
Dowitchers were present - About 200 Brown Pelicans  
and many small Terres, gray all over back, wings  
& tail and calling tic tic - Probably Least Terres -  
South of Pismo beach a few curlews spent night at  
Santa Maria
- July 25. Along the coast from Santa Barbara north were  
scattered Curlews (Hudsonian?) but the place most interesting

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July 25 (cont.) Reached Los Angeles about 5 p.m. Very hot - humid.

July 26 Hot all night and all day. Take a steam bath. Mocking-

birds were feeding a young bird (perhaps another one) in  
the avocado tree. Linnet and Chestnut Phoebe about. Went  
to Palos Verdes in afternoon. A little cooler there but hot.  
Noticed Sparrows H. d. s.

July 27. Had lunch on the pier at Marina, then drove to Playa  
del Rey where I stopped to look for shore birds. A few  
curlew and a number of turnstones (least?) were in the lagoon.  
The turnstones were lined up on the shore very close together and  
all facing the same way. Occasionally one flew. Cloudy. Rained in  
some parts of Los Angeles - still hot.

July 28. Started home. Very hot but fairly comfortable driving  
along the coast. Curlew seen occasionally. Cooler as we turned  
inland at Gaviota Pass. Drove for tea at 4 p.m. at  
Santa Maria and more coast. Then to Morro Beach Inn  
for the night. Just cool. Had a good rest.

July 29. Curlew and I got up at six a.m. and went beyond the  
town to Morro Bay. At a low tide uncovered the mud  
flats. There are many Brown Pelicans and also 12-15 White Pel-  
icans. Many shore birds on the flat but distance and poor light  
made it difficult to identify all of them. Made some of Curlew,  
Godwits and Willets. A California Murres kept on the side  
line so it seemed its feathers showing pure white underparts.  
Curlews were flying, showing only their heads and  
necks above the water. A teal (sp.) was dabbling in the water  
as I have seen the Green-winged, he at Lake Merrill.

Lef immediately after breakfast. Cool all day and  
grilled chicken at Morro Landing. Reached Boulder Creek 5 p.m.

July 30. Went to garage like room. Heard White-throated Swifts, Red-tails, Black-bellied Gulls, Brown Pelicans, Gulls, & a few other birds. Chinkadee, Mockingbird, House Finch, etc.

Aug. 1. Drove to Alviso & visited Mission. Left at 1 p.m. + took boat to San Jose, returning about 3:30 p.m.

Aug. 2. Went to garage & visited room. Found a bird

Aug. 3. Weather still warm. Visited Alviso, p.m. Then back to San Jose.

Aug. 4. At 3:30 p.m. a Slender-billed Nuthatch came to the large oak tree above the pool east of the house. It alighted on the main trunk, moved downward with bill pointed down, picked insects (?) out of the lichens, moved sidewise, upward a little way; then flew across to the spruce over the pool, alighted on the cement coping and drank. Remained several minutes until disturbed by a closing door. I have no recollection of ever having seen this species near the house before.

Chilly, foggy weather.

Aug. 5. Drove to San Francisco by Golden Gate Ferry. was surprised to notice that no gulls were near the boat until we neared the S.F. shore. Many Heerman's Gulls on Seal Rocks; also Brown Pelicans. One white winged scoter seen on bay.

Aug. 9. Very high tide. Chilly. Visited Alviso, San Jose, and Fremont, up & down the coast. Heard many birds, but did not identify them except a few.

Aug. 11. Have heard Slender-billed Nuthatches frequently since Aug. 4. Several different individuals; visitors to the west, winter visitors to the east. All three species observed.

and sparrows are still about. Thrushes are heard calling and sometimes singing and Vigors Wrens sing occasionally. Two cats in the neighborhood (possibly three) have disappeared.

Weather cool. Sunny afternoons. Wren-tits sing occasionally.

Aug. 12. University Open.

Aug. 13<sup>2</sup> Jamie jaw operated on at Alta Bates.

Aug. 17. Jamie came home from hospital. Foggy till noon.

Aug. 19. No fog but cool. Heard Nuthatch once. Saw Russet backed Thrush at pool. Heard Blackbirds flying over in early morning. Visited Lake Merritt. Took photos of pelican White fronted Geese & Snow (Ross?) Geese present (pinkies?) Hybrid Mallards, 1 Baldpate (wild?)

Mrs. Blanks reported that Beverley saw a Townsend Warbler <sup>(alighted on window sill)</sup> Aug. 17<sup>1</sup>, and that as they crossed Dumbarton Bridge Aug. 16, many sandpipers alighted on road. Many insects were crushed against windshield - probably these were the attraction on the roadway to the sandpipers.

Aug. 22. Warner. Slender-billed Nuthatch & Willow Woodpecker about. Worms are eating oak leaves again. Heard Black-headed Grosbeak. Saw two Dusky-tail Warblers yesterday.

Aug. 23. Very warm.

Aug. 24. Warm. At 6:30 a.m. I saw a Thrush perched on a branch high up the oak tree below the driving pool E. of the house. It looked very small and pale in color. It flitted its wings and called "chuck". It flew over the pool to another tree in sun - right where it again flitted "chuck" and said "chuck". A Hermit Thrush so early?

Cloudy all day. Drove up to the lake at 1 p.m.  
Wrote by light until 5 with the help of a  
white water lantern. 85° F.

Aug. 27. Cool. Several Townsend Warblers were seen  
at different times during the day. At 5:45 p.m. a heavy  
black fog made it quite dark. I noticed birds  
at the pool so stopped to watch them. Bush-tits,  
3 Townsend Warblers, a Russet backed Thrush, a Yellow  
Warbler, W. Flycatcher a moment later two Titmice  
and a Slender billed Nuthatch came to the table  
for food. Later two nuthatches were on the table  
at once. The first appearance of this species at the table.

Aug. 28. A Warbling Vireo was in the oak tree S. of house.

Drove to Boulder Creek in the afternoon. Cloudy. <sup>10.11 am. 31.60</sup>  
Aug. 29. Cloudy all day. Heard Tanager calling. Much at  
Santa Cruz Brown Pelicans, many Cormorants,  
gulls and a few ducks.

Aug. 30. Drove over the St. Francis Bluff to San Francisco -  
a wonderful road. Cloudy. Drove 8 miles from  
Boulder Creek to F. over a pass hollow. (Ciff)  
Not far south of San Francisco on a hillside that slopes  
down to the E. from the west, in big grass when I first  
saw the meadow. I saw a Mountain - at 31 ft.  
The higher part was rocky and a short distance away  
at altitude 1000 ft. but its low. Back me and I often  
tried to see if I could see the top of the mountain for  
water.

Sept. 5. Heard a Tanager calling at Boulder Creek.

<sup>Many flocks on theagoons</sup> ~~Many flocks on theagoons~~ ~~in the valley~~

~~Continuing~~ Sept. 7. Slender-billed Nuthatches have been coming to the feeding table frequently during the past week.

One flew across from the tree to the box handle, from that to the madrone branch I have fastened

Sept 8 or 9?

One Grosbeak  
came into oak  
tree above pool

on the table then to the dish for water, then on to the table for crumbs. Beautiful weather.

Sept. 10. Great Horned Owl was hooting just before dawn.

A Tanager came to bathe. At the same time a brilliant warbler, a Yellow Warbler, a Titmouse and a Hutton Vireo were in sight. The St. Nuthatch heard.

Sept. 11. Cool, crisp, sunny days. Went to San Francisco to do shopping. Many gulls on the bay. No ducks or shore birds. The tidal flats south of the Key route have all been filled in and islands are being thrown up to the north (site of future bay bridge?)

At home two Chestnut-backed Thrashers are seen and Tanagers are heard. The Thrasher sang early and at noon. I hear the Bluejay sing nearly every day.

Yellow Warbler & Hutton Vireo still about. Three titmice near table at once. A small flock of juncos

at sun-fed in street. A jay flew at them several times (play?)

Sept. 12 Drove to Boulder, leaving Berkeley at 6:20. Breakfast at Hayward at 7 a.m. then on to Mills, Livermore,民主ton Bridge,

Woodside to Skyline Blvd. Reached Boulder at 10:20. Worked on garage 11 a.m. to 5 p.m. Streams still flowing but very little

woods very silent. At民主ton Bridge, east side, many sandpipers were feeding on the roadway 3' 000±. Shallows in salt pool

Sept. 13. Almost no birds heard. Dust shows numerous tracks of quail. Thrush called early. One Kingbird heard. Returned to Berkeley by Los Gatos. Beautiful day. Heard wood pecker near camp - squirrels heard more frequently than birds.

Sept. 14. Russet-b. Thrush, Song sp., Thrasher (<sup>(Sangue)</sup> singing), Wren-tits (singing), Yellow Warbler, Bush-tits heard before 5:45 a.m.

Some of the notes of the bush-tits sounded like those of young birds, not long out of the nest. Heard Slender-billed Nuthatch p.m.  
Rained a few minutes  $\frac{1}{10}$  a m. Fogged up so.

Sept. 15. Heard Slender-billed Nuthatch once. At 2:45-

a great aggregation of birds came to the pool; a flock of about 50 bush-tits; two Townsend Warblers; one Chestnut Warbler; Cassin Vireo (two white wing bars and decided white eye ring - not quite complete); (three were on table) song sparrow. As they moved on a jay came to the table and took the walnut I had fastened on with wire. A rail came to the table before 7 a.m. Most of the time there is no bird in sight. Then a whole aggregation comes in. Cloudy morning; clear in afternoon. Rain sent east.

Sept. 16. Foggy morning; clear in afternoon. No thrushes since Sept. 14.

Sept. 17. Townsend Warblers, juncos, Slender-billed Nuthatch, Hutton

Wren, huge flock of bush-tits near house. Western Scrub-jay and juncos in Sunny Gulch. Foggy morning, clear afternoon.

Sept. 18. Started City Club "Bird Lore". 20 registered.

Foggy morning. Clear afternoon. Slender-billed Nuthatch

Sept. 20. Enough North wind to clear away the fog.

Warm day.

Snow in  
Sunset

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Sept. 21. Light north wind during last night. Breakfast on north porch  
very warm.

Sept. 22. Not warm out not cloudy. Heard one Lucy-crowned

Night call. Worms are beginning to drop from oaks to pupate

Sept. 23. Cooler - a little humidity. Still clear. Saw a banded

thrasher at the pool. Later two thrashers were in the  
tree above the pool and a rabbit was drinking when  
a jay flew around the corner of the house giving its  
alarm note. Both thrashers and the rabbit disappeared  
instantly and did not return for about four minutes.

A yellow warbler dipped daintily in the pool; a Hutton  
Vireo splashed rapidly and vigorously. Several sparrows  
were seen in the tops of the oaks giving the squeaky notes  
of crowned sparrows. Breasts plain color - could not see  
the crowns. Half an hour later the complete song  
of the Golden-crowned Sparrow was heard twice.  
A Slender-billed Nuthatch fed along the main branches of  
the oak tree.

Sept. 24. Spent the morning in Mrs. Blakes garden. I have never  
seen so many birds in one place before. Great flocks  
of (Sandhill) Golden-crowns and Fox Sparrows, many  
warblers. (Blue and Chestnut are indigo). Hutton Vireos,  
a Mockingbird (sings now), Robins, a Western Flycatcher,  
one Magpie. A Cooper's Hawk was seen riding about  
the trees several times. Coffee berries seemed to be the  
favorite food of the sparrows.

At 9 Mrs. and I had a short walk in a  
forest behind our house, warm

Sept. 25. Took H. H. Chapman's car to Santa Clara. Birds were very abundant. Many and like a great variety, of which, the Darville's Warbler, Chestnut, Brown Towhee, California, Pacific, Townsend and Warbler, Golden-fronted, Chestnut-sided, etc. No warblers seen with the exception of a few. Heard Sparrows, House Wrens, Chickadees and Red-breasted Nuthatches. A Western Flycatcher was heard. Coffee Berry bushes and Elderberries blossomed. A. Tuesday Hot.

Sept. 26. Boulder Creek. Not many birds. Night cold.

Warm day. A flock of juncos; a flock of quail; large flock of sparrows esp. in Waller's field possibly goldfinches; a Kingfisher, a Russet backed Thrush and a Western Flycatcher. Coast Jays. Bush Tits.

Sept. 27. Heard Tanager and Creeper. On way to Berkeley saw (Garrett's) Sparrows near Santa Clara and at Mission San Jose. Chas. Cool with breeze.

Sept. 28. Carpenter's Jay in park on the Boulder Creek. 6.00 a.m. - 10.00 a.m.

Sept. 29. Arrived at Los Gatos early 2nd in the morning. Pajaro - Chestnut-sided, Chestnut, Townsend, Warbler, (Garrett's) Sparrow and a Western Flycatcher, and a Chestnut-sided Warbler seen in the canyon near the mine.

3:00 p.m. Sparrow at the bird feed. He met Chestnut #4544 with T. male & the female.

Sept. 30. All in crowds. Jays,等等. Chestnut-sided

Warbler, Chestnut-sided, singing on the ground  
4:00 p.m. H. and C. and a Northern Mockingbird

Golden-crowned Sparrow came to the pool and three  
thrashers - one landed on a log foot.

(Oct. 8) Two Red-tailed Hawks rose from below the  
tops of the pine trees at the lower end of Moss-  
wood Rd., a Sparrow Hawk amonging one of  
them.

(Oct. 9) Beginner's Class explored the canyon near  
the Cordonieres Club. Birds were very abundant.  
List: 1 Sh-Sh. Hawk, 12-15 Flickers, dozens of Cal. Jays.  
numerous Gambel? Sparrows, a few Golden-  
crowned Sparrows and Fox Sparrows; Brown and  
Stellers Towhees, Green-backed Goldfinch, Bush-tits,  
P-c Kinglet, many Audubon Warblers, Purple Finch,  
Titmouse, Anna and Allen Hummer and a Western  
Winter Wren which we heard but did not see.

In afternoon we drove to Boulder Creek, Ermit Thrush  
found one that had been shot (<sup>Golden-crowned and</sup>), P-c Kinglet ~~and~~ saw house  
and large flocks of Gambel Sparrows near Festoon-  
out night at Santa Cruz as house is not finished.

(Oct. 10) Spent day at Santa Cruz & Boulder Creek (painting)  
and drove home in evening - cold at night.

(Oct. 11) Chilly all day.

(Oct. 12) Cold in early morning. Clouds (+ fog) cleared about  
9 a.m. Beautiful warm day. Faculty Bird Section  
went to Botanical Gardens. Birds very abundant.  
Saw only Anna Hummingbird about tobacco which  
is still in bloom. List: Slender-billed Nuthatch, Audubon  
Warbler, P-c Kinglet, Titmouse, Bush-tit, Titmouses,

Hutton's Vireo (con. on), Vesper Wren, Grizz. Green-tailed Goldfinches, Fox Sparrow, many Gambel Sparrows, a few Golden-crowned Sparrows. Flickers (ab.), 3 alig.

Oct. 13. At 7 a.m., Song Sparrow,

Oct. 13. W.W. Wren below house. Chilly day.

Oct. 14. At 6 a.m. Hermit Thrush, Blue Grosbeak

Black birds flying over, then Fox Sparrow. At 10 a.m.

Golden-crowned Kinglets were heard near house. Chilly. Insurance check rec'd.

Oct. 15. Flickers came to porch at N.E. corner of house at 8 a.m.; one also alighted on the other part of a little window. There were three together - one lighter gray on back and no red moustaches. Went to the pool for water. A Fox Sparrow came to the table. Has placed a seed cup on the table to prevent the ground from becoming all the seeds in two minutes.

Oct. At 5:30 a.m. a fox sparrow was calling excitedly in the top of an oak tree under which I was standing. By looking up through the tree I could see the outline of the bird against the sky. It moved about rapidly within a small radius, calling rapidly. After two or three minutes it settled on a small cross twig, suddenly grew silent, evidently settled for the night. I could not see the exact altitude. It was in the densest part of the foliage (all the leaves are fully eaten by the two seasons) and fully twenty feet from the ground.

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Mr. Allen Miller wrote to me in January 1930 asking for books on the California.

(Oct. 16). Took the advanced class to Lodiomes Park, entering from Taulpais road in order to have the sun behind us. Birds were very thick, many of them evidently bathing in the big stream which at this point runs under a dense tangle of creek dogwood, blackberry vines and willows. A large flock of bush tits enjoyed there nearly half an hour feeding and bathing. A few views of the Hermit Thrush on a bare twig immediately below us and of a Fox Sparrow picking out the seeds from a head of wild peach. Many Gambel's warblers were singing freely. Farther down where the water drops from a cement channel into a pool six feet below Townsend Warblers were bathing and an Anna Hummer hovered above the water dropping to the edge of the cement occasionally under a willow tree we stopped to watch two Ruby-crowned Kinglets which were apparently disputing over territorial boundaries. One raised its crown continually. Suddenly it seemed to hang upside down which astonished me for I have never seen one do that. We soon discovered it was caught in a bunch of cobweb and could not extricate itself. The branch was shaken vigorously which freed the bird but it spent the rest of the time (15 min?) picking off the cobwebs, one wing being bound completely tight.

List of birds: Flickers (5+), (a few, says, many), 1 Coast Jay,  
Black Phoebe, 2 or 3 Anna Hummers, 6+ Townsend  
Warblers, many Audubon warblers (in the willows),  
Brewer-tits, Mountain-tits (heard), 1 Robin, 1 Hermit  
Thrushes, 6+ Ruby-crowned Kinglets, 1 House Wren  
(heard), Vesper Sparrow (?), Brown Towhees, spotted  
Towhees (heard), Gambel's Sparrows (100+),  
Golden-crowned Sparrows (a few heard), Fox Sparrows,  
2 Purple Finches, 2 Song Sparrows (in the hills).

(Oct. 17-19.) Warm, sunny except for fog in early morning.

Oct. 25. Cloudy, chilly. Tons of "Lady-Birds" were to be seen at

At 6.45 by way of San Pedro L. I started down the creek and before the tide turned as we went we took on the shore at very low water. There were thousands of them all along the sand flats for a mile or more which extended 20 m. in width. I started home. They are abundant species and I did not suppose, probably, that I knew them, and did not judge a bird until I had only one long bill. I think it is a good name. It was a real beauty.

Commoners, 18. - Pelican, some S. & Big-billed Gulls on bay. Yesterday  
and today Red-billed Gulls, <sup>very</sup> few Painted, Redshins and Caspian Gulls, 1 N.  
Phalarope, 2 Yellow Leg., 1 Northern, 15 Gulls, 10+ Curlews; God-  
wits, Black-bellied Plover, Willets, Redshins & T. sandpipers, 1 Sand-  
piper. 1 Canada Goose, n. 4 H. Blue Heron, 2 Cinnamon Teal.  
Bitterns (one), 12+ Lesser & 4+ M. with 1, 1+ Shrikes,  
Jack Snipe, 8+ Long Phalaropes, 1+ Red-necked Phalarope, 1 or 2 Red-sh.  
Laysan. 1 Sp. Yawal Sp., 1 Is. Pintail. 3+ Gulls.

- Oct. 22, '31 - Very nice - first of season. Cleared p.m. 23rd October.
- Oct. 24. Boulder. Beautiful sunny day. Bonfire all day; dried & stored wood for winter.
- Oct. 25. Same place. Drove home in rain.
- Oct. 26-30 Beautiful warm weather - Indian summer.
- Oct. 30. Advanced Class went to Botanical Gardens - many H. C. Knights singing. Saw one unfamiliar sparrow in Botanical Gardens. Size as all as Song sp., longer tail. Rufous crown with very narrow gray median line, wider gray line over eye; throat whitish, breast buffy, streaked or streaks very faint. Much light chestnut on wings, light wing bars, tail gray, long, emarginate. Bill bright reddish orange - both mandibles to base. Behavior - quiet, unafraid. First seen perched on root tip of holly berry below bridge where we were standing - possibly at fell from us - preening his feathers after a bath. Then ate holly berries.
- Dropped to go where it fed in a very heavily way. A wire fence was between us and the bird while he was behind a post. Scolded up to within three feet of him and chased him several minutes.
- Oct. 31. Got up at 5 a.m. drove to Boulder Creek - worked 1-7, dried wood. At night.
- Nov. 1. Went down Valley. Wrote when sun was up high. Planted seeds and iris. Drove home after church 1:50-5:30.
- Nov. 2. Was less a cold. Visited Museum. Heard sparrow with Dr. Terrell (had seen <sup>today</sup> exactly like Field Sparrow) which has never been recorded west of Texas.

Nov. 3. Mr. and Mrs. McCabe took me up to the Botanic and Gardens to try to find the Field Sparrow Loping & collect it. No success. Beautiful, round eyes.  
Nov. 3 began bringing out dead branches in oak trees.

Nov. 4. Heard Tawny Brush & W. Winter Wren in early morning. Later a House Wren came into the garden first in honeysuckle at the entrance, then to new pool. Sang all its calls - no stripe over eye. Fog in morning.

Nov. 5. Spent spare time yesterday and today hunting fresh branches from trees. Eggs of oak moths on under side of many of the leaves. Moths still about in great numbers. Two generations of worms have eaten the oak leaves already this summer and if this worm weather continues perhaps a third generation will mature. Mrs. Charley was out at oaks in this neighborhood and quizzed. <sup>These I observed</sup> They are now leafless. Nov. 5. 2. heard Red-shafted Flicker. It was a dual-billed Nutcracker as well as a woodpecker (long-crested?) feeding on nests, insects or worms. I have never seen sparrows feeding in the trees.

Nov. 6. Very few birds near Spruce St. Reservoirs in Wildcat Canyon.

Nov. 10. Sun. W. Winter Wren heard frequently from the house. Heard several Varied Thrushes further up the Canyon yesterday. Notes are much less conspicuous. Hermit Thrushes and Ruby-cr. Kinglets very abundant.

Nov. 11. Cleared suddenly. Dwan and Kate went to Boulder where thermometer dropped to  $30^{\circ}$  & heavy late frost.

Nov. 12. Clear, cold.

Nov. 9. Faculty group in upper Strawberry Canyon  
Birds very ab.  
Varied Thrushes seen

Nov. 13. Adelma and Chass went to Mrs. Schwartzy. Cold, cloudy. Great flocks of Golden-crowned and Gambel Sparrows were feeding in the oaks. Oaks that were sprayed last spring are in very fair foliage but have eggs on the under sides of the leaves. Trees that were not sprayed are mostly bare - no place for eggs. Very few birds aside from the Starlings.

Nov. 14. Rained all night. Still cloudy and threatening but we drove down to Boulder. No rain until night when it poured. Warm, comfortably, no frost.

Nov. 15. Very little rain. Planted wild flower seeds and three Toyons.

Nov. 16. Rained steadily all day and all night (Berkeley).

Nov. 17. Clearing.

Nov. 20. Rained all night. Cloudy. Spent morning in Museum.

Mr. Summer brought in a White Throated Sparrow he had caught in Elbow Berry Canyon <sup>Nov. 21, '22</sup> and a Vireo Thrush seen.

Nov. 25. Bill and Alice came up from Los Angeles. Weather cold. Rained all night.

Nov. 26. Thanksgiving - Cold.

Nov. 27. Birds are coming more regularly to the feeding table.

Nov. 28. Drove to Boulder Creek. Clear cold day. Warmed about

2:30 p.m. Water dripping from roof - melting frost.

Nov. 29. Thermometer dropped to 20°. Ice and ground frozen until after noon. Drove home via Skyline. Clear, crisp.

Nov. 30. Shopping in c. f. Warner.

Dec. 1. Same as. Started making birdries. Many birds on table.

Dec. 2. Cold & cloudy. Bill and Alice took C. & train home.

Dec. 4. Adelma, Alice and I house shopping while Sprinkled Brown

Towhees, do. go Fox Sparrows, Titmouse and Chestnut  
and Hermit Thrush from window. We had a total tally  
of 107 species seen or heard. It was a cold day  
and birds seemed to be few. The Northern Mockingbird,  
Brewer's Blackbird, Song Sparrow, Field Lark &  
Calif. quail were the most numerous. A few white-winged  
Doves and one White-throated Swift. Heavy frost in our canyon.

Dec. 6 Three turkeys came to table for sunflower seeds.

Dec. 10 Rain. Dec. 10 Great flocks of robins eating the  
madrone berries at Boulder Creek. Rain.

Dec. 11. Went to Lake Merritt. Thousands of ducks in tidal  
bays & pates, 1 European Widgeon, a few Spurred Bills and  
Mallards, hundreds of Cinnamon Teals, some Ruddies and  
Bluebills, 26 and <sup>American</sup> Brown Goldfinches, 3 or 4 Canada  
Geese, 1 Cackling Goose, 1-15 Snow Geese, 1 Ross' Goose.

~~... it~~ fronted Geese. Terns and Pied Billed Grebes  
Large flock of cormorants. Many Braggsdale Gulls  
numerous. Cold, rainy, Snow on Drables.

Dec. 12. Dear. cold. Went to San Francisco in late afternoon  
Many Glancous-winged Gulls. Saw very few adult Western Gulls.

Dec. 13. Rain. S.W. wind. Cold.

Dec. 14. Cold, clearing. East wind right off snow on  
Mt. Diablo. Faculty group watched birds from window.

Dec. 18 Went to Lake Merritt with the Advanced Class.  
European Widgeon is banded. A pair of Green-winged  
Teal near the shore. The male spent all his time picking  
at other ducks as he guarded his mate. The Buffle-head  
was added to last week's list and Ruddies & Bluebills seemed  
more numerous. All the toyon bushes were stripped of berries; <sup>a few robins</sup> on ground.

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Dec. 19. Beautiful day. Drove to Boulder Creek. Had bonfire and gathered Xmas greens. James took up roots of huckleberry.

Dec. 20. Rain all day. Several thousand Robins came into the region near our college from up the valley. They fed in the madrone trees and also in Mr. Winkell's newly plowed field. <sup>Hundreds</sup> Thousands were in the roadway as we drove out; flying up from in front of the cars. Only a few seen after we reached the highway. Warm. Rained all the way home.

Dec. 21. Rain. Was a <sup>rainy</sup> ~~rainy~~ day & table for food.

Dec. 22, 23, 24. Rain.

Dec. 25. Rain part of day and all night. Juncos, Golden-cr. sp., Brown & p. Titm. Song sp., Fox sp., etc. came to the dinner.

Dec. 26. Rained hard all day. Suffering from "bare-ball knee"

Dec. 31. Has been raining almost continuously since

Dec. 20. Snow on the summit of the Sierra about  
thru ft. We fell on + F. 16 inches.

Jan. 6. Skimming. Roads were muddy and water-filled. Foxes and birds were frequently seen. In about 10 ft. the old clearings were now gone.

Jan. 2. Cleaning Deer & Beaver tracks. Deer less than 100 ft. from house and it deep and deposited right above front door. The spruce tree 42 in. from bed. Dec. 23 to Monday Dec. 28, 24 inches fall.

Went to N.K. at the cottage at 11 A.M. and

mid. Brilliant day. No fuel at first. Went up to the lake and made tents. Made bear's all gone. Very good food - venison and dried beans. And <sup>big</sup> trout, large flock of geese, a few duck, waterfowl, mink, rabbits and a <sup>large</sup> porcupine (big enough to hold)

Jan. 4. Left at 11:20 a.m. after my got things finished with a mukka or two. Went back to the lake and cleaned up until 2:30 p.m. (about 2 hours). Saw a flock of about 30 ring-necked pheasants feeding on seeds of the birch at Birch Lake Camp. Near the lake there were many birds and waterfowl, - including a small mallard, - on the lake. Found four and left them, - one on the lake, - one on a small bog. Went to Beaver.

Jan. 9. Weather. Clear. Many birds came for food.

<sup>W. J. and wife</sup>  
<sup>and 20 bushels</sup>  
<sup>brown ground</sup>  
<sup>in snow</sup>

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Jan. 11. Went to Lake Merritt with family section. Ducks were very scarce and none came up to the pen to feed. The European Widgeon was still there. Mr. S. was at his pens ready for trapping but only caught two and a few pigeons went in. He pens reported as follows: a lot of robins and here about 1/2 of the flock at night. Identified after the tide gauge which kept by itself near the shore between the pens and the end waters. A small island of sand has been thrown up near the Embankment.

Jan. 12. Fine. Turned quite cold and snow fell on the sky and on a hill across the bay north of San Leandro.

Jan. 13. Clearing. Miss LaFerriere found morning Grosbeaks on the front and back hills, snows, cold weather. For my. Snow was reported 2 inches along the Pacific Coast,  $\frac{1}{2}$  mi S. of Fishhooker Brook, at Los Altos, C. House etc. etc. Warmer in east than here.

Jan. 15. Cold and rain part of day.

Jan. 16. A warm gentle rain.

Jan. 20. Went to S. F. Many Common-winged Gulls. A few Surf. Scoters. ~~much snow on Mt. Hamilton Range. Clear.~~

Jan. 21. Continued reports of enormous numbers of robins - enough to darken the sky. Varied Robins also abundant. Fine weather.

Jan. 22. Mr. Leon Richardson reported an albino robin in a large flock - total albinos. Other robins treated it as normal. Fine weather.

Jan. 24. Night cold with some frost. Fine after cold of early morning past. Heard a Sandpiper with tick from my window in the morning and heard it best from during a walk up to the head of the canyon.

Jan. 25. Rain at night.

Jan. 26. Rain. Red Fox group came to water hole from 102  
Ridge came to it & stayed all the morning - gopher, gray jay,  
eagle, p. owl, red-co. p. owl, m. lark, sparrow hawk, titmouse,  
swallow, wren. Saw also flicker, chickadee and yellow  
redpolls.

Jan. 27. Heavy snow mixed with rain early, between stone  
and north of canyon. Very cold. Just had to wait  
cancel off of school. Jan. 28. Drained out of Dog Gap and  
Jan. 29. Cloudy with patches of rain. <sup>rest with one egg resting</sup>

Jan. 30. Rain. Rain at night.

Jan. 31. Rain -

Feb. 1. Heavy rain last night followed by a blizzard which  
left 4 inches, with 10° below zero and winds  
the rocks were spattered with white drifts. Etc.  
At 9:30 a.m. it began to snow and by noon all  
the hills were white. Cars coming from Nederland  
were covered with snow; but cars also. There were  
more than miles ~~one~~ of snow on the west and south  
slopes and the trees and shrubs were weighed down  
by it.

Feb. 2. Old snow melted during day except in ~~snow~~<sup>shaded</sup> places.  
Mrs. Johnstone in part of hills until 2.

Feb. 3. Walked home through car tracks from Castle St. down to 8<sup>th</sup> W.  
8:00 a.m. Cold. Snow on the ground, snow piles, so strong that it hit the  
area like liquid - hard as football like.  
Flickers - two were killed today in Little Creek - but in the grass  
but if you look now you can't see them.  
Castles - had some snow in

Thunore - a pair investigated here on Le Conte Lake. Utters  
as senior women Hall

P. n. - perch all the way along.

Le Conte Lake - one near Cedar St. bridge; one Meadow Rd.

Wrenlets - 2 near Senior Women's Hall, 100 ft. below stadium. Heard  
singing near Canyon Rd. - south of stadium.

Yellow Warbler - " " " " , south end of stadium.

Western Robin - everywhere by hundreds. See 2 pairs near Center &  
Faculty Grade, near Senior Women's Hall, west of stadium.

Many alighted on top of stadium wall. Postally dropped to  
feed on lawn seeds.

Yellow R. - heard 8-10 yds. - as Le Conte Lake, Faculty Grade  
Senior Women's Hall.

H. W. T. - also scattered in all suitable places.

C. s. warblers - one near Stephens Union, many  
now appearing, more still west of stadium under  
protection of the wall.

Townsend Warbler - one near Stephens Union Faculty Plot.

Ruby-crowned Kinglet - one on low campus; several in  
Faculty Grade.

English Sparrow - saw one inside the campus -

House Finch - a few dozen here near Stephens Union w. Nuttall's

Shelduck - first near Senior Women's Hall. None below.

Brown Towhee - all along the way - by tens or threes.

Junco (p.?) - very numerous near Le Conte Lake, Faculty  
Grade (after).

Red-tail Hawk - heard over campsite. Flock of 2 at just above

Stephens Union; flock to top Faculty Grade. 3 and 15 by 8

Nuttalls - a few singing - Nuttall song.

Song Sparrow - one singing near 2nd and 5th Avenue (ldg. 1) no pr. in

Faculty Grade, 100' west of Women's Faculty Plot.

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Washington late afternoon I went to town N.W. - the road to town was to be  
Feb 3 (cont'd) Wm. Wm. saw a Ring-necked Pheasant near 2nd and Main.

Feb 3. Wm. Wm. saw a Ring-necked Pheasant near 2nd and Main.

Feb 3. Bought a foot hopper for the bird table.

Feb 3. Filled it with seed and put it out in the afternoon.

Birds were all afraid to come to the table at all.

Feb 4. Covered tank with chick feed and filled the room dish with oat and the little wooden one with sunflower seed. Told the green dish to be copper. Birds came to the end of the table farthest from the copper and ate gradually toward the copper. juncos and jay alighted in branch above copper - juncos very suspicious and cautious but didn't dare come to the table. Titmouse came right up. took sunflower seed and flew. Was a very drizzling middle of day. In the afternoon a song sparrow took seed from the copper.

At 5:30 p.m. I said I'd walk to Beechwood Terrace to try to locate the robin roost, I still never visited so where in that neighborhood. It was very cold with a lot of blowing snow in the canyons. Two robins were going across the canyon floor and beyond so walked up there. There big group were thousands of robins going to roost in the big trees. A doctor man also said there [I]s a billion around the millions of them. I took in every night. Heard them up the morn and robins were up at the end of the canyon across from the power house. They flew out of the trees as we passed - had about hundred thousand.

Feb. 5. Raining - warmer. Birds show less fear of the hopper but most of them feed still at the opposite end of the table a yellow-headed sparrow went directly to the hopper to feed - like a gnat. Spotted Towhees fly in out of the hills, and finches are flying every day. Finally one landed on the branch and came down on to the table for an instant.

Feb. 6. Birds are using the food hopper with less fear. Still raining. Mrs. Lee saw two Townsend solitaires - one in mid-flame.

Feb. 7. Cloudy all day. Rain at night no wind.

Feb. 8. steady rain all day East wind at night with heavy rain.

Feb. 9. Clear all day. Damp - with frost in canyons in early a.m.

Feb. 10. Partly cloudy - birds have been flying about light at night for weeks

Clear, crisp. Frost in place at Taggart's

Feb. 11. Went to Taggart's Bay, leaving at 8:15 a.m. took a path along

the trail where we had gone. Saw no water or rocks;

Wheat crop harvested and others. Drove out toward hills and

beyond before meeting Black Rock Cr. There big swallows close

to the shore in shallow water. They perched on the trail

at the edge and hopped up and down. They perched

on the rocks and hopped up and down. They perched

on the rocks and hopped up and down. They perched

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Feb. 11 (cont'd.)

Lazuli - large flock - 40+

Lots many in Donales Bay - associated with Great.

Snows - 150 - 200.

C. G. - a flock - 10.

Herring Gull } lots birds, side by side on San Roque Pier -

Mallard } 1/2 of Herring gulls made. M. gull with yellow ring.

St. L. and Gull heard by Mrs. Mead &amp; Mr Cole in redwoods on Papermill Creek

White Rumped - one or two also bay - in cove.

Red sh. Gull - many seen.

Black Phoebe - one on one of Donales Bay

Calif Wag - many

Western Gulls - many

Winter Wren

(V. pro) Brown - Red-sh. Wren

Rufi. Towhee - 6+ in Lagunitas

Western Robins - everywhere.

D. a. H. - T. Thrush - a few

Western Bluebirds - several flocks

California White - a few

Many on marshes - a few in Redgopher holes at a ranch on shore

## of Donales Bay

M. Meadowlark - many

Brown Chestnut - numerous in only one spot ranch.

House Finch - very full.

Spotted Towhee - some

Dusky Flycatcher

W. Vireo - in shrub - 12+ in flock near Pt. Reyes in wet meadow

then disappeared which would squat in a hole and freeze

Green backed Goldfinch

Pine Siskin

Juncos (2 p.?) - no 1 in woods.

House Sparrow - a few pairs - very tame here in town.

Golden-crowned Sparrow - small flock in woods & woods.

Redwing Sparrow - a little " " " "

Sparrows - 4 species - in woods. 46 species

Feb. 12. Clear, 20° species and house birds beginning to sing or call or are - singing - calling. Bullfinches begin their overblown squawks or warbles in afternoon.

Feb. 13. Cold with a little north wind. Mr. DeMille brought his glasses up to watch birds. Many species seen - all the usual ones.

Feb. 14. Clear but cold.

Feb. 15. " " " with wind from east. Snow on the campus are so dry on the surface that robins have deserted them (see Feb. 3). Many Redwings & Bluebirds on the lower campus.

Feb. 16. Rain with wind during the night. Clear and cold during the day. Hairy, Downy, Field, Nests, & Sparrows in town.

Feb. 17. Begun City Club "Bird Lore". Beautiful day.

Feb. 20. Cloudy. Drove to Boulder Creek. Saw no robins south of Berkeley. Very few birds in the mountains. At Lower Creek: Clear, heavy frost at night. Warm in middle of day. Plenty of Bluebirds and juncos. Spotted Towhee, Varied Thrush, Fox Sparrow. Western and Mountain Chickadee, Cal. Jay.

Feb. 21. Warm but heavy frost at night. Strong breeze

Feb. 22. Left Boulder Creek at 11:30 a.m. Drove on summit above Los Gatos - Beverly Bluffs - & saw on damp mossy hillside many finches (various), and N. sp., Dark-eyed, Bluebirds, S. Vireo, Wrens, Red-tails, White-tails, Meadowlarks,

1932.

Feb. 22 (cont'd) Crossed Duwudon Bridge at high tide.  
Very few birds. Only one gull - imm. Glareous winged.

Two Rock's Bl. Wills (50± in each). A number of Western  
Gulls - all in one small area near river bridge.

Two cgs of 2-3 drake & 1 near roost end of bridge - Least  
and Red-backed (2 in winter plumage), both resting on points  
at edge of water, 60± total.) More or less at night than has been.

Feb. 23. First warm spring day. Took a singing and counting.

Two H. Bush-tits seen. Visited Pot in roost at 6 p.m. not yet  
dark but electric wires on upper Rose & La Loma  
were covered thickly with robins. Worked in garden.

Feb. 24, 25. Warm

Feb. 26. Took Friday Section of "Birdlore" through Claremont Hotel

Gounds. Saw following: Sparrow Hawk on flagpole on towers),  
Sh. Sh. Hawk, Flickers, Cal. cgs, Titmouse (singing), Bush-tits (flock),  
(Anna Phainopepla (2), Ruby cr. Kinglet, " Townsend Warbler, Hermit Thrush,  
Robin, Calif. Purple Finch (all song), " House sp. (all in song),  
Brown & blue headed Vireo, Song Sparrow, Yellow Warbler, Golden-  
crowned Sparrow, Juncos (singing). Two each N and W. I found  
a flock of 12 Evening Grosbeaks also a <sup>Western Mockingbird.</sup> Townsend's Solitaire.

Feb. 27. Drove to Boulder Creek. Warm as summer. Birds more  
abundant. A warm night. No frost.

Feb. 28. W. W. was singing near cottage at 8 a.m. Blue jays, juncos,  
Chorus, Creepers, Robins, Varied Thrush, Hawdros & fruit trees.

1932. 1/2 of the day home but saw very few at B.C.

Feb. 29. Redwing (or red quail) and a few on the side of hill. It  
had a bright red patch on its back just below the white line over  
eye. House Wren:

Mar. 1. Took Tuesday Class to Claremont Hotel Cold clear.

Saw (14, p. 1 pr. 7 singing with) - at 11:00 a.m.  
Sparrow (note you'll see him to which he comes generally).  
Flicker (once inferring), wren, Chipping (infest), Bluebird (in  
pairs & flocks), Hutton's (12+, pair in shrubs  
and trees in pairs), Kingbird, St. Louis sparrow,  
Finch, Rose-breasted Grosbeak, Cedar Waxwing  
pair singing power, Brown-headed, Fox Sparrow,  
Sc. Sparrow, Field Sparrow, Song Sparrow  
etc. Found it to be a place holding a great  
number from you & Prof. Allen's notes.

Mar. 2. Sat at night singing stations.

Mar. 3. " " " " - bird singing.

Mar. 4. Singing stations, I noted down about 100 species.

Mar. 5. Today Class. Comes Park. No old records

Mar. 6. Traced another, now in the fall. 6-524 species  
Saw a first to Allen House & Belmont Harbor.

Mar. 7. Sat at night singing day.

Wren, Thrasher, Towhee, Pidgeon; Big Hill, Western  
Shrike, Sp. Gulls, Coward, Chipping, Meadowlark, Cedar-Wax-  
wing, Lots. S. of Birds, Red & Black Tanagers all day  
long; Cuckoo, Red-shafted Flicker (Allen House at 100')  
Black Phoebe, Barn & Black-bellied Peewee, Fish, Gull, etc.  
Mallard & Pintail, Golden Pheasant, and Int. Sparrow,  
Junco, Song Sparrow, Melodious Sparrow (seen <sup>and heard</sup> plus)  
(and Northern Yellowthroat, Vireos & Tallow, Titmouse,  
Chickadee, Bush-tit, Nighthawk, Robin, Horned Lark 42

Mar 12. Saw a blue tit at the dairy in Skylee  
dairy barn. Saw first one in 19 years at Kingsgate.  
Saw two more (in different areas) and continuously  
had a bird in flight (or flying?)

Mar 13. Saw a pair of King Eiders near the  
dairy barn in the west top of the grassy hill.

Mar 14. Saw a pair of King Eiders near the grassy

hill, and a pair of Common Eiders (brownish) -  
Circled over grassy hill between barns. Saw a Redpoll and  
Blue Tit - spied near the dairy barn. Saw Chestnut, Copper & Goldeneye  
today, Mallard, and a pair of Red-breasted Merganser, Goshawk, White-tailed Kite,  
Thick-billed Murre, Long-tailed Duck, Purple Sandpiper, and a Horned  
Puffin. Saw a pair of Barn Swallows, 5 Red-necked Phalaropes,  
& 3 Rock Sandpipers. No Mallards -

Wetland birds - Common - Snowy Egret, Cattle  
Gull, Ring-billed Gull, Common Tern, -

Mar 14. Dan Harvey Section visited the upper dairy.

Mar 15. Cloudy - cloudy But Rose out to Botanical Gardens.

Saw 21 species. Two King Eiders were singing one on hill South  
of swimming pool, on west of st. The one at the south flew  
into enclosure about swimming pool, then back to its  
original station. The one to west flew to the pine tree  
where there was evidently a contest (over the female?)  
They were feeding in rocks at the botanical gardens. New  
flock is just out. Black Phoebe on barn at dairy  
Intercostal Wrens gradually distributed. Allen Hummer still rare.

March 16, 17 Cloudy, warm.

Mar. 18 Heavy fog - heaviest near our sets of hills. Drove up to S. of S. with Friday Fins loc. Parked car during but heard ventio, Rock quail, Bush-tits, & others. Heard sandpiper and Red-breasted Nuthatch. Went out like shooting where the fog was higher. Saw Golden Eagle in flight, with wings, blue jay, Western Meadowlarks (prob. survivors of a race), Lark's nightingale, Wrens, St. Eliz., & Common Murres. In afternoon I took road to H. and then S. of W. Anderson. A walk in the Buller Park cloudy and drizzling.

Mar. 19 Up at 6 a.m., after sleeping in car and waiting from 11 a.m. to 10:30 a.m. for drizzle to stop so as to go up - and - it is still so. Then I am up again by N.W. id. - up at 1 p.m. Found skimmers flying in Santa Clara Valley Mar. 18 & 19.

Mar. 20 Beautiful clear day with light N.W. wind. Cool. Many poppies brodiaea, larkspur, buttercups, paint brush in flower.

Mar. 24 Dr. G. S. m. used a radio working bird by his house - finding it in box on perch.

Mar. 25 Walked up road to S. of H. from 10 a.m. to 1 p.m. where road was 20° in shade. Very few birds in local flats - a few meadowlarks, a - singing bird, but below I found many along 2d. It has a lot of wild grasses for nesting material. Beyond the eucalyptus in back and among dead oak trees birds were not to be seen. Bush tit, (less black), C. sp., California sp. and a sparrow.

Mar. 26 Went up N. of H., Camisadero, and to one very white; old & aged site, with a little scrubland); a few before Hanner. Another - , old & tall of the old

1932.

March 26. Titmouse and bush-tits finishing nests in Mrs. Strong's garden.  
Eastern Bluebird - no sign.

March 27. Boys Wren is putting in softer materials of nest.

Female seen to do the work while all sings.

Horned Lark singing warily - first time I've heard it.

Western Flycatcher is singing near its nest site under porch.

Robins are singing toward the evening. He songster is reversed. The female like gives a very peculiar effect. ♀, ♂.

Screech Owl was seen at 5:35 just under my window. A Red-tail hawk called from a rosy sunburst song, followed by a Thunder. A Fox Scream called. Then the robin began. Cloudy morning.

March 28. Today Bob and I drove to Golden Gate Park. Clear but cool. Many Bufflehead Ducks were present near the Golden Gate, as well Black-bells. Saw also a few Buff-breasted and a W. Grebe. At the Cliff House 12 Black-bellies and two Buff-breasted gulls were seen, also a Gull, Flock of about ten in the park at 4:30 p.m. The south end of the lake was a <sup>a stone + rock - right down</sup> marshy bog but a few Mallards and Coots were seen and a S.T. Yellowthroat was singing in the trees, in Bush Phoebe, many said singing and all). Song and small Sparrows, And a single Western Singing, Chipping, Chipping, Allen Thrushes up the hill or both sides and 1 or 2 Towhees which were seen. West and of course under trees on sandy slope and Flakie where great numbers of Tree Swallows and Martins were present. Also Purple Finch, 1 or 2 Towhees, Western Singing, H. Towie, Boys Wren, one Catbird, Red-bellied Nuthatch, Flicker, one Red-shaft and one Red-shafted (?) Hawk. We saw a few birds in full plumage. Redwings, 1 male & 2 Brown wings with one Canada & Chestnut Mere, Glaucous Gulls (all in), King Eiders all (many full plumage)

After the rain the birds were still in the trees and in the brush. The birds were more numerous than usual and the weather was very warm. The birds were singing and the air was filled with the sound of bird song.

March 30. Went with "Bird Ladies" up Strawberry Canyon & Botanical Gardens and drove into brushy and wooded wild canyons. Found birds very scarce. Few species and few individuals except for Coast Jays and Lucifer Warblers. A few Gambel and Golden-cr. Sparrows, a Hermit Thrush (singing) and a Fox Sparrow (singing) were about the only W.V. and in Ellen Hammer, Lucifer Warbler and Pileolated Warbler the only summer visitors. In the lower canyon was a singing Western Meadowlark and House Wrens were heard. At home N. Flycatcher.

March 31, 1911. Drove down to Boulder Creek - 2 miles today - Weather perfect. Perfect day, but rather dry and hot at 4:20 a.m. - 75° at 10 a.m.

After 1. Sowing and planting heat a day. In afternoon Mrs. Ferguson and drove over to Big Spring. It was very cloudy. Only birds heard were Creeper, Calif. Towhee, and Junco. Saw the house at B.C. Mountain Flycatcher and warbling Vireo. Also heard singing Western Meadowlark all night.

No. 2. Planted seeds. Drove home in afternoon - <sup>in a heavy rain shower</sup> - 75°.

No. 3. Cloudy. Townsend Warbler and Robins abundant.

No. 4. A grand show of song about 9 a.m. - 2 Thrashers, Purple Finch, Sc. Sparrow, Vireos, Singing Sparrow, Cassin Vireo, Hutton Vireo, Townsend Warbler, etc.

Cloudy with a fine, light rain. 7:30 a.m. Clear w. N.W. breeze.

Mr. 5. Clear, cool. Breeze from N.W. Many birds singing at intervals throughout the day. Same species as yesterday including Cassin and Hutton Vireos. Two thrashers are near us, one just east of house; one further east and nearly across Monroe Rd. They seem to alternate as if each one lists to the other. Golden-crowned Sparrows have been (most of time) in full plumage for a week or ten days now.

Mrs. Thomas reported many swallows near Blake home.  
Apr. 6. Clear, cool. Day dried down. Pied-billed gull

is singing near house first time. It is very abundant. Mr. & Mrs. C. W. & Tommie Walker was singing at 10 a.m. A few Fox and Field Martins were passing through and a very few juncos and only so many as three. 6. Golden-crowned Sparrows have been numerous and singing. One sang a response - ♫ 7 q 7 7 7 ♫, in a very clear whistle. Both phrases in the same quality and always in the same sequence - never overlapping as they probably would have if uttered by two different birds. It gave me the effect of the song of a Thrush. Thrush warbler is still here and was heard singing. Also Fox Sparrow. No Peep-c. Night today. Many robins which take worms from ground and bark of trees. One Gambel's sparrow came to cache and a Titmouse usually speared in the water. Paper thrushes are ab. and singing. All are singing songs in pairs except robin. (R. Knight?) Mrs. Hale reported robins in singing after yesterday.

April 9. Perfect weather. Came out for a walk. Bird song at Davis City Club. Went 11' s in Mrs. Pearson's garden & here there was a great variety of visitors, orchard, lawn, stream, tactics, oats (just beginning). Found:  
 W.V. Hermit Thrush. G.c. & Gambel's & C. W. Wren  
 S.V. House Wren. Waving Wings, Lt sent and yellow W. Wren.  
 Allen H. er. Oriole. Barn and Violet Green <sup>(at Lakeview)</sup> W. Flycatcher,  
 Per. W.s. Golden Hawk, V. Wren (Calif. Nuttall), Silvery Woodpecker.  
 Black Phoebe and W. Flycatcher, Titmouse, Bush-tits (at in low  
 conifer, apparently feeding on young) H. Towhees, Horn  
 and Spotted Towhees. Liners, <sup>and b.</sup> Barn Swallows (old flocks ( $\rightarrow$ )  
 where in large numbers) Robins (at first singly), V. Bluebirds  
 31 species.

April 9. Weather very cool for a day, wind. Went to Boulder Creek - Wren. Chorus. Pineapple and  
 Mimosa etc.

April 10. Heard Black-headed Grosbeak and Olive-sided  
Flycatcher. Both green birds so far over.

In evening in the valley, about 8 p.m. heard 2 greater  
 yellow-shafted flycatchers which sounded like a right H. n.  
 This of course found him perch'd on the top  
 corner of an electric post pole in the street.

Apr. 11. Heard one F.C. Flycatcher. Faculty Section west of Davis  
 County Club. Very poor so I didn't see it.

W.V. Goldfinch & Gravel Sparrows and Hermit Thrush.

S.V. W. Flycatcher. W.V. is, Sq. Swallow, Cliff Swallow. Black-headed Grosbeak  
 Bullock's Oriole, Western Kingbird singing in tree. Horned Lark, tr.  
 Per. W. Glaucous-winged Gull, Cliff & Nutall Woodpeckers. Pileas

1932

(Calif. & Coast sps., downy Blackbird, Meadowlark, Swallow, Bush-tit (feeding eggs in nest of low weeping cypress)), Titmouse, House Sparrow, Thrasher, W. G. Woodpecker, Blue Grosbeak, Anna's & Towhee, Linnet, Hb. & Willow Goldfinches, Robins.

April 12. Bird Lore at Condor River. Beautiful day

S.V. Towhee, Pilolates, Crested Warbler, Grosbeak, N. Wren,  
W. Flycatcher

W.W. Aud. Warbler in full plumage; g.c. Sparrow in full plumage.

April 13. Rain during afternoon.

April 14. Worked on Bird Lore Report.

April 15. Went to Broderick Creek, living birding at 3 p.m., stayed all night

and 16. Morning. Beautiful day. S.V. Chestnut-sided Flycatcher singing and calling; W. Flycatcher, N. Wren, Cassin's Vireo (various), Mockingbird, Chipping Sparrow, pair of U.g. Swallows. Black-headed Grosbeak

N.W. Goldfinch. Sparrow, molting head feathers, followed a pair of Downy Woodpeckers from place to place.

Junco, Chickadees, gr. cos singing. Creepers singing

April 17. Saw Wren and Flycatcher, perched at tips of green willow tree. Flew to another tree by the way, landed at switch grass, went to sunflower. Black-bellied Grouse in all stages of羽化 (blue eyes + tail). None on spruce -

April 18. Finally Bird action went up. Tracts on south side of

Sierra Canyon. Many warblers, etc. Blue Grosbeak - Vagins were

birding out in the oak R. Beautiful day -

Heard one Rufous Hummer, 1 Horned Lark, 2 S.C. & Gambel Sparrows.

Mr. Mead  
and Mr. Dowd  
Marbleton.

Open 3 hr. bin). Was the following day in the forest about  
a stage distance from the 32nd at 107  
about 9:30 a.m. and, later, shot. Did not see

Apr. 19. Weather  
Dr. K. was here and a meeting between last Friday.

Apr. 20. Chilly day. Chilling with N.W. wind. 4:50 p.m.

Apr. 21. Perfectly clear, crisp with light breeze from

N. N. Have had no winter birds except robins  
the last two days. <sup>Vigorous</sup> ~~was~~ nesting in box very  
quiet. Female song is calls from within the  
box, answered by a barking call of male east  
of box. Another male sent 1 long song and  
was fully. Purple Finches less than  
last week. Spent an hour near the forestry  
experiment plot in the upper canyon hoping to  
hear the bird of Apr. 18 at least calling.

A group of 12-15 Pied-billed Martins was seen, sitting  
close together in the willows and weasels were the  
birds and one Rusty-backed Warbler was calling  
and singing everywhere left & ear. The trees  
are being sprayed near the Ranch and gardens.

Between 2 and 3 p.m. I sat on a pine 1 yard tall  
clipped out of the patch of wild vines under the pine  
tree as I prepared to write this note so that it should  
not be on the pine and after a few minutes they clapped  
back to the same spot. Cut and the male went into the  
tree where he either stood perfectly still or run rapidly  
a little way. After fifteen or so steps he joined him  
and they both went up to the end of the road where they do  
it again.

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April 22 "Black Day" at Lagoon. Birds were in. Cool.

Monitors were to expect near here *Zosterops lateralis* (golden-crowned?). S. W. Flycatchers, 6 or less. House Wrens were nest in laurel tree. Mockers (said by all to fly trees?), 2 or 3. Wren-like birds in bush, one nest in very willow in back - 15 ft from ground, male singing on the nest replaced frequently; blue & orange with several young ones. No warblers! 3 or 4 pairs of robins seen. Singing birds had gone out of the nest. Cold wind and cloudy in the afternoon.

April 23. Part of day. Home to Santa Clara Creek, cooler - 4:30 p.m. Many cliff swallows - also barn swallows and a few house sparrows. Saw a pair of m. g. doves. Cedar bird singing at.

Blue-side Flycatcher called often. House Sparrow & House Wrens, Yellow Warbler, Rock-throated Gray Warbler, Grays, Creepers, Piñon finches, Cetonia magnifica (eastern date), Robin (at Penitentiary). No birds in garden most of day.

April 25. Rainy & cloudy - rain in m. to end to Colorado. Cold

morning at Penit. A large flock of Cedar Waxwings was feeding in a loganberry tree in a Santa Clara garden. Only a small part of the loganberries ripe - many more green ones.

April 26. "Vinegar Canyon" "Birds" - Principal birds were hummers.

Sing. flocks. Vireos, <sup>varieties</sup> Vireo, quail, a few juncos, warblers - Chestnut, Golden-front and Polka-dot. Heavy clouds, windy. No rain

April 27. "Birds" - went to San Martín Bridge to watch shore birds. Cloudy, low tide. Birds very scattered on the mud flats,

principal Sandpipers and Marbled Godwits which were very numerous. A very few Dowitchers (6), Willets (20-30), Curlew (30+), Pectoral, Black-bellied Plover (6+) one in full plumage,

one or two Killdeer; a number of Snowy Plover, one pair with two very tiny young which ran very rapidly while the parents gave a very silent call; later the young took refuge under the rocks; a few semi-pennated Plover (40+), Red-billed Sandpipers, an occasional one or two mixed in with the Western; two or three Ruddy Ducks, half a dozen White-winged Scoter, one female Golden-eye, one male Bluebill; Gulls - was probably either Ring or Ring-billed; no gulls of any kind; Forster Terns (20+) Caspian Terns (20+) showing red bills & black wings to primaries. Heard the usual cry of the Godwits, the billing-rites of the Western Sandpipers. Drove to the ponds in the Bayshore Blvd south of our route. Sandpipers very abundant and at definite spots along the bank. Many Cliff Swallows were hawking over the water; also a few Barn Swallows. They were excellent to observe west in the morning and east in the afternoon.

April 28. At 3:20 a.m. a Western Tanager was singing and calling. A thrush was seen with food; also a blue bird singing on the fence posts. A Broadwing was singing on the power line & the yellow warbler is in full song. A flock of Lesser Yellowlegs were feeding on last blossoms in the lawn plot.

April 28. Another Young Vireo was in box we hung fed frequently.

April 29. Clear, warmer. Young gulls noisy on hill above Morewood Rd.

April 30. Took Miss Wythe and Miss Chatlin to Boulder Creek.

Rained afternoon and all night. At Dumbeaton Bridge W. Sandpipers were feeding on pavement. Curlew and Dowitchers on grassy marsh at W. end.

10:30  
Northern  
Phalaenoptera  
Mt. Blue  
ferous

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May 1. Clearing-Warm. During a walk we heard and saw many birds including Wood Pewee, Ash-throated Flycatcher and Russet-backed Thrush (call notes only).

May 2-4. Cloudy with occasional showers. <sup>3-4</sup> ~~May 2-4~~ <sup>near Wind</sup>

May 5. Clear. Cool. Baby Vireos are quite noisy. Parents seldom call except when a Blue Jay appears in the oaks. The male never has made a practice of singing near the nest or even in the oaks east of the house. In the chores at lawn I never hear him.

May 6. Golden Gate Park and Lake Merced. Sunny in Berkeley but a little fog and chilly all day in the park. Very few odds on the bay - a few Bonapartes still near the pier (Berkeley). At Cliff House, two Wandering Tattlers, many Cormorants and a few Western Gulls. At North Lake, Mallards (female brooding in nest in Eucalyptus about ten ft. from ground); female with brood of ten on lake. A few Coots.

Water very low, much of lake dry. Many quail. Allen Hummingbirds everywhere. Western Flycatcher, Hutton Vireo (ad), many Vireo Wrens, a few Robins, two Russet-backed Thrushes (robber song); Pileolated and Yellow Warblers, Bush-tits and Chickadees, <sup>the latest</sup> ~~insects~~, Purple Finches, Song Sparrows, Nuttall Sparrows and Spotted Towhees, Finches (few). After lunch we drove over to Lake Merced where we found Yellowthroats and Pine Warblers. Wilson Warbler (one full plumage, one with spood showing in shot among very faded feathers), Widgeon Ducks in full plumage and morning Dove (head). This pair of Yellow Warblers, a pair of Titm., a pair of Song Sparrows and Nuttall Sparrows.

May 8. Broken Creek in full bloom - Ground carpeted with  
Dwarf and pink wild clover. Yellow lily in beginning of  
bloom. Bloom in full bloom - also wild lilac and azalea. Birds  
very tame. Nesting. Various building nests in madrone overhangings.  
Many Black Titmice. Very restless. I could see no sign of nest  
building. Northern Parus is here. This was probably called last  
time Brown Crested Warbler. Much calls frequently but not singing  
weather except.

May 10. Left tip of East Lake Sedge at 8:30 a.m.p. At 8:45 on Tamm's Rd. found Sing Sparrow, Cedar Waxwing, White Throats, Cedar Waxwing, West. T. Vireo. At 9 a.m. birds were very abundant. T. lit: Red-tail and Sharp-shinned Hawk. Mourning Dove, Indigo Bunting, Field Lark, Double-billed Gull (three others, some 4 pairs. Family?); Chukar (juv.), Calif. Jay. Brown-headed Noddy, Red-bellied Tanager, Indigo Bunting (4) bright green, 1 yellow-rumped Warbler, (note of Indigo empidonax) with white wing. House Wrens, Chestnut-backed Chickadee, Black Phoebe, Mr. Flycatcher, Bob-tailed Kingbird, Western Kingbird (4) green-headed, Blue-headed W., Chestnut-headed W. (4) yellow bellied; Anna's Hummer, Barn Swallow, Indigo Bunting, Song Sparrow, Linnet (4), Chestnut-sided Warbler, Orange-crowned Warbler, Golden-fronted (Audubon)

May 11 Lecture at City Club. Syros was left the  
next morning middle of day while I was away for  
several days. The peasants have been cutting the  
Blue grass.

May 12 - Our family is in the woods where the fire  
break is. Had dinner there. Saw a Gray  
Squirrel on the campus. Heard yester evening  
birds like house on west side

May 13. "Lily Birds" went to Arroyo Melchor beyond  
fir cone. Hiltz Notes, pipes are laid across the road  
at the way station the McCoy River but nothing  
was making a great deal of noise so we went directly  
to the bridge at the foot of the bridge Foggy in  
Buckley and over the summit of the hills but during  
the rest of the way warm at Arroyo Melchor. Birds were  
very abundant. Sing: Red Tails & Sparrows White, Buzzards,  
Swallows, Mourning Doves, Flicker, Anna? Hummers (juv.), King-  
birds (nest in a spruce - not bridge - parents bring them in the evening)  
Blue Grosbeak, Black-headed Grosbeak, Wood Pewee,  
Prairie Finches (spotted sitting on nest in a live oak, the  
mother is out of the nest. no nest or bird. Very noisy)  
House Wrens, Purple Martins; Bullfinches & others, many  
sects. Some males on rock on head, two per yellow  
and without black on head but stout neck. Red winged  
Cuckoo's long - q. Killdeer along the creek. Warbling  
Warblers, Yellow Warbler, Chestnut-sided, Sweet, Green-backed  
Gulf. etc. Look up now. Brown and Spotted Towhees,  
Chipping Sparrow, Black-bellied & a few, Calif. Jay. 28 species  
Browsing birds near Laramie. The Chipmunks.

14 May 14. Went to the first part of the  
bridge. The first part of the bridge is the  
highest part of the bridge. It is a  
part of the bridge.

Young Bluejays have come from hill across road into  
the valley. They are young & not yet flying. Two young brought  
along to young to the pool. Young Tit is out. Bush-tits in garden.

Song Sparrows very full singing most of time.

May 16. Thrush pushes on top of nesting box and sings.  
 While I was driving I noticed a young Blue jay on the  
 railing. One parent was on the coping of the pool. The other  
 (parent?) was perched on a branch above the table.  
 The young jay flew from the railing over the trees but  
 did not alight until it came to a bush. He then  
 flew up and to the window where I was, viewed  
 and went under the eaves of the porch where he must  
 have alighted somewhere. In a moment he returned  
 to the railing and then flew up onto the table. Before  
 he could take my foot off the old jay on the dead branch  
 flew at him viciously and drove him off. Immediately  
 the old bird on the coping of the pool flew at the other  
 old jay and drove him into the bush above the pool  
 where there was much ado before the two  
 met with fury night and morning. Song Sparrows still  
 being feeding young near entrance, apparently under  
 the red geraniums. (New roof tiles)

May 17. Fly by Tuck Dr. and Brookley Rd. and back via S. F.  
 and Skyline Blvd. Lunch with Mrs. Rogers & her son. S. in W.  
 Flycatcher brooding on nest near front door. Guess were feeding  
 young (out of nest - string of nunnus in count). Went back  
 singing. Night right.

May 18. Herring Gulls. A pair of Red-tail Kites  
 (?) in the dead top of a tall red oak tree. A Pine Warbler sang from  
 a telegraph wire near Brookdale Station Grove & Canal. At Rock  
 Creek many Commonads were sitting on their nests. Brown Thrasher  
 numerous. At Mrs. Loring's 4 White Fins and 4 Blackbirds

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in the sun; from 10 a.m. to 1 p.m. there was a long break for the interior. At 12 P.M. I saw a Lark - Many were at the bottom of Pt. Loma. Gulls were numerous on the beach near the water. A difference in the way each bird walked.

May 19 Saw a Swallow (sp.) fly over the Life Science Bldg. and heard a Tanager singing in the Eucalyptus grove nearby. Titmouse came out of box when male called, 6:50 a.m.

May 20. Spent in our Club room and bought a 1931 Bird Book.

May 22. Beautiful clear day. Birds singing more than during past three weeks. Thrashers, Wrens, Titmouse, Crested Wren, Towhee Warbler. At Mrs. Imports at 5:30 p.m. heard Singing Wrens, Sweetake, House.

May 23. Very quiet clear day - Young Crested Wren calling.

May 24. Warm and dry. Thrashers, Wrens, Titmouse, Towhee.

May 25. Warm, the birds began to sing. I found their nests on the roof on a large redwood building, on the west.

May 25. Hot. Saw Red Breasted Sapsucker at top of tree and heard it sing.

May 26. Hot and dry. Singing warblers and it went up to top of Telegraph pole. Its song (Lullaby). Heard Tropic Thrush, which singing English like a man.

May 27. Warm and dry. Singing birds at 4 p.m. and clouds and rain at 8 P.M.

May 28. Warm and dry. Red-tail, a Buzzard, Gulls, Ring Billed Gulls, White-tailed Kite, and a Red-tail. Found one black margin on under sides of wings. Dripping for fish.

May 29 & 30 Rainy most of the time.

May 31. Clearing. Drove to Boulder with Mr. & Mrs. Thompson  
June 1. Warner. Garden flourishing. Thrushes in full  
song. A Hermit Thrush sang frequently in Big Basin  
yesterday, near the big tree named Father of the Forest.

June 2. Driving to Boulder. Coming way home.

June 3, 4 House clearing. Thrushes, T. goss. Wren singing  
again after weeks of silence.

June 5. Took cousin Erie to Boulder.

June 6. Hermit Thrush in the Big Basin in the same place.

June 7. Took Clarence and Mabel up Mt. Diablo. Quite hot. Birds  
noticed. Mourning Doves. Vultures, Dual Red-tailed & Sparrow Hawk  
Thrasher. Lazuli Bunting, Green-backed Goldfinches, Chipping Sparrow  
W. Bluebirds At Diablo Country Club Flicker, Hairy Woodpecker, Nuttall  
and Calif. Woodpecker. Cinnamon-backed Thrush, Cassin & Warbling Vireo.  
Yellow Starlings. One mammal seen on branch of a dead tree,  
larger and <sup>rounder</sup> than a squirrel, rat like tail. Mr. Black's  
birthday.

June 12. Thrasher has been singing during long periods  
at intervals during past several days. Wren at  
Warner, T. goss. Wren, Spotted Towhee, Titmouse also  
probably all nesting again, judging from action.

N. Flycatcher did not complete a nest either under the  
porch (perch gone) nor in angle over a sun box where  
scaffolding interfered. Lazuli Bunting was heard singing  
near house for first time this year.

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June 13-15. Boulder Creek. Cool, cloudy most of time. Found nest of <sup>(last year)</sup> Rusty backed Thrush in redwood back of cottage. Carrying food. Grosbeak, C. or sided Flycatcher, Thrush, juncos. W. Flycatcher, Wood Pewee. Yellow and Black-throated Warbler, Cassin Vireos singing most frequently. At Anthony place grosbeaks calling the whee-oo constantly. Strange bird heard twice. Large as robin, very dark colored. In Big Basin Coast rays were carrying food to young. Did not hear Hermit Thrush near Father of forest. Oxalis in full bloom. Light rain in Berkeley June 14.

June 16. small flock of Bush-tits in oaks. Nests still flying; new leaves appearing on oaks.

June 17. Many birds about. Wrens or wrens have been seen and heard singing a day or two north of here. Yellow Vireos put up the road. More so as clearing big rock and they had found several nests also, in the creek flats - one four eggs laid at first. Saw a pair of them feeding and the time while they were not in tree. Let's be early.

June 19. Tea for Mrs. Mexia who told of her experiences in South America.

Mr. Sumner investigated the Titmouse box but found no nest. Warm.

June 22. Nest of W. Flycatcher under the porch has been built at last.

June came from east. Hot.

June 23. W. Flycatcher settling. Nests still flying. New leaves have come out on most of the trees that were defoliated by first generation of worms. Hot.

June 24. Boulder Creek. Hot. Tanagers heard several times.

June 25. Chorus at dawn; - Grosbeak, R.B. Thrush, Blue-sided Flycatcher, W. Flycatcher, Wood Pewee, Cassin & Warbling Vireo, Yellow Warbler, Brown Sp. Towhee. Cooler. Fog until about 7:30 a.m. Tanagers during day.

June 26. Heard Tanagers once. Cool.

June 27. Berkeley via Shadel St. to San Francisco. Cool.

June 28. Warmer. Moths diminishing.

June 30. Had the bees sprayed as we feared they might not weather a second generation of worms. Foggy night and morning. Watched a titmouse eating moths.

July 1. Went to Boulder Creek to meet Whitmores. Jamie taken sick <sup>very warm</sup>.

July 5. James returned to Berkeley with Whitmores - Jamie sick.

July 8. James brought Mr. Ferguson to Boulder.

July 9. James returns to Folsom by stage leaving car with me. Jamie very sick.

July 10-15. Cool. ~~Maple & Robin~~<sup>spotted</sup> Towhees brought young to feed on bread crumbs. Brown Towhees carried food to young across R.R. Song Sparrows also came for food. Seldom hear an alarm note of any kind. Family of ten quail, ♀ & half grown.

July 14 Drove to Berkeley, got James and returned 1 p.m. to 9:15 p.m.

Warm.

July 21. Drove to Berkeley, James stayed with Jamie.

July 22. Returned to Boulder Creek.

July 23. Down with Jamie's influenza again.

July 26. Jamie developed abscess in ear. Helen and Alice came. Flock of twenty quail - two families?

July 27. James returned to Berkeley. Helen drove Jamie & me <sup>to</sup> Santa Cruz each day to doctor. July 28-30. Thrushes stopped singing.

Aug. 1. James hurt back. Returned to Berkeley for treatments.

Aug 3-7. Saw Shrike in field near Ellis Place.

Fouls dead W. Flycatcher on porch in Berkeley.

Aug 9-9. Boulder Creek. Young Brown Towhees come with parents for crumbs. A few Yellow Warblers. Bledgated Warblers. families of Grosbeaks, Bluebirds, Vireos, <sup>goldfinches</sup> Finches, Purple Finches, Creepers.

Flocks of bush tits, Chickadees, Titmets.

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Aug. 9. Returned to Berkeley via Dumbarton Bridge. High tide. At west end of bridge only bird seen was one Cliff Swallow. In salt pools at east end were thousands of Phalaropes in winter plumage and a few Western Sandpipers. A few of the Sandpipers were feeding on the highway together with miniature and female Brewer Blackbirds (a few ad. males). Only two or three gulls were seen (Calif.?) and on the last salt pool a pair of Forster Terns. Swallows were quite numerous too - mostly Cliff. In the distance one bird on the main bay looked like a Western Grebe. The wind made the water choppy and on the salt pools the foam was blown up into the air and across the highway. Heavy fog on the Skyline Blvd. from King's Mt. north. Windy in the valley; warm in Oakland and Berkeley.

Aug. 12. Drove to Cliff House and Golden Gate Park. At Cliff House tide was fairly low. On the Seal Rocks there were about 150 Brown Pelicans perched; also some Cormorants, very few gulls. On the shore and the nearer rock were two Surf Birds, 8-15 Black Turnstones; one Willet and one Ruddy Turnstone. Vireos were singing in Berkeley.

Aug. 12.  
Pt. Lobos  
W. Gull  
Semic. Petrel  
W. S. Gull  
W. G. Gull

Aug. 21. Boulder Creek. Cassin's Vireo was singing for a long time in the early morning. The call used by young was also heard. Heard also Pilated Warbler, Chickadees, Bush-tits, Kingfisher, Tanagers, Willow Woodpeckers and Jays. Drove home via Skyline Blvd. Clear and warm all the way.

Aug. 28. Boulder Creek - Cassin Vireo sang several times.

Thrasher and Pileolated Warbler heard calling near cottage. Berkley - Thrasher began singing. Saw a W. Flycatcher

Sept. 2. <sup>Boulder Creek</sup> Cassin Vireo heard calling. Hutton Vireo heard frequently - not heard during summer near the cottage. Very warm. Heard no Pileolated Warblers.

Sept. 3. Drove to Monterey in late afternoon. Many shore birds seen in distance at Morro Landing - a few Phalaropes on lagoons. <sup>Wrens</sup> <sup>mainly</sup> from big trees in morning.

Sept. 4. Drove Lompoc via Santa Barbara.

Sept. 9. Thrashers calling vigorously and frequently near cottage at Boulder Creek - Coffee berries are ripe. Heard a Tanager in morning. Very hot day but aipping fog at night.

Sept. 10. Cool. Cloudy all day.

Sept. 12. A western Flycatcher came through our Berkley garden and then down the canyon just ahead of me as I walked down. It was calling frequently. The Thrashers have been singing constantly since the first of September. Wrentits, Song Sparrows and Vireos were singing occasionally. Snail are very conspicuous, one flock of twenty-six comes frequently for chick feed and drinking water.

Sept. 13-17. Cooler weather. Jamie returned to school Sept. 17.

Sept. 19. Faculty Bird Section went to end of Arlington Rd. where they found six Horned Larks - one ad. in full plumage - 15-20 Savannah Sparrows, Meadow Lark, Song Sparrow and heard Wrentit, Flicker & Stellar Jay in distance (contin)

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The Horned Larks were feeding <sup>on the flat</sup> where the grass had been burned and allowed very close approach. When they flew they alighted in the same area a little farther from us. The Savanna Sparrows spent their time on the slope of the hill where grass had not been burned and where scattering baccharis bushes grow. They frequently alighted on the tops of the bushes.

Sept. 20.

A Dusky-

Warbler came

for water.

Sept. 22. A Killdeer called many times as it flew over the canyon about 10 a.m. Pine Siskins heard. Thrasher still sings continuously; occasionally imitates song of Titmouse, call of House Wren, song of one of Mrs. Strong's aviary birds which reminds me of the European Blackbird. Robins came into canyon in evening.

Sept. 24. At Dunbarion Bridge as the tide was just beginning to turn fifty or more St. Blue Herons were lined up where the water was a few inches deep on the east side of the main body of water. Many flocks of sandpipers flew up from the roadway, others were on the rocks. A few phalaropes & pintail ducks were seen.

Sept. 25. Drove home by the shore line from Santa Cruz to San Gregorio, lunch at La Honda, then followed coastline into San Francisco. Beautiful day with very little fog anywhere; a little over the ocean north of Pigeon Pt. On the shore a few curlews and willets and one flock of sandpiper (?) were seen.

(Miss Smith reported a Fox Sparrow near head of Strawberry Canyon - 2 Purple Finches visit her table - eat sunflowers, hemp and melon seeds.)

Sept. 28. Went to San Mateo Bridge at turn of tide at 1 p.m. A small island just north of the east end of the bridge was the rendezvous of numerous Black-bellied Plover and Western Sandpipers waiting for the water to recede. At the point of the island a Black Turnstone stood in the edge of the water. As soon as the water began to recede all the birds seemed intent on bathing in the little puddles. South of the bridge a long line of land was rapidly covered on the outer edge by flocks of Willets which came flying in from the south. On a sand spit east of the east end of the bridge Godwits were congregated so thick that it looked like a rocky reef until the birds flew. Sandpipers were very abundant seeming to prefer the north side while Willets and godwits kept to the south. Later they scattered over the mud flat exposed on both sides of the bridge. A few Greater Yellowlegs were seen. A number of birds smaller than Black-bellied Plover, larger than Sandpipers, with short bills (1 in +), gray except for white in the tail may have been Knots. One bird with long legs like a Yellow Leg but much shorter bill and a very large black eye, a white line above the eye, distinctly streaked on back, white rump and perhaps tail white, belly white, chest buffy I could not identify. It was larger than a B.b. Plover, smaller than Yellowlegs. 5 Black Turnstones were seen, two Western Grebes, three ducks (sp?). The plaintive call

of the Black-bellied Plover (Whoos-ee) and the wood-pecker like call of the Godwit; the thin, high pitched call of several notes belonged to the Black Turnstones -

Sept. 30. Several Fox Sparrows were scratching under the bushes east of house when I got up. At 7:55 a.m. at the S.P. Station in West Berkeley a flock of Gambel Sparrows was singing.

(Oct. 1, 2.) Gambel Sparrows were heard at various Oct. 3. Heard House Wrens singing.

(Oct. 4.) Arlington Estates. Light fog, no wind. Birds very abundant. Horned Larks still feeding in the burned grass; Savannah Sparrow also. Meadowlarks very numerous and singing freely. Large flocks of sparrows including Nuttall, Gambel, Golden-crown. Other birds seen or heard: quail, Cal. Jay, Flicker, Vireo, Wren, Ruffed Grouse, Song Sparrow, Goldfinch, Spotted Towhee.

(Oct. 5.) Blue Jay sings frequently, alternating whispered song similar to that of thrushes with loud squawks. I hear the call notes of Audubon warblers as I drive through the streets.

(Oct. 6.) Audubon Warblers in the canyon.

(Oct. 7.) A Golden-c. sp. came to pool. House Wren heard.

(Oct. 10.) Faculty Group went to Pt. Flamingo <sup>11:15 a.m.</sup>. Summer day with very light breeze from west. A Clapper Rail came out from tufts as we sat on a pole beyond the bridge perhaps fifteen or twenty feet from him. He bathed in the shallow water and paraded back and forth. Two Black-bellied Plover stayed on the shore - very quiet, no calls. Found 1000 more in a puddle in the marsh as we started home.

As the tide flowed out small flocks of Sanderling and later Sandpipers (Western and Least) came in over the water and increased to 1000 ± before we started home (2 p.m.). A few Killdeer came in from over the marsh flying quite high and calling. A small group of Bonaparte Gulls stayed for a few minutes, dropping to the water like terns. Western and California Gulls most of them in mature plumage, some in very dark plumage, remained all the time and one imm. Glaucous-winged Gull was seen. A few coots flew past the point at the west end.

A flock of Meadow Larks were near the R.R. singing freely. A Flicker was seen near the west end; Gambel Sparrows were singing near the R.R. station and on the point; Song Sparrows on the edge of the marsh may have been Salt Marsh Song Sp. and birds in the willows showed enough yellow to be Savannah Sparrows.

(At <sup>earliest</sup> dawn) I heard several Hermit Thrushes calling. They gave both the chuck-chuck call and the more plaintive high pitched call. The fact that there were ~~too~~ number calling and that they seemed to scatter after a few minutes suggested the supposition that it was a group of migrants just alighting after a night flight. When I got up at 6:30 a.m. one thrush was at the pool.

(Oct. 11.) City Club group went to San Mateo Bridge returning via Dumbarton. Warm, no wind. At San Mateo Bridge Willets had been reduced to about 30 in one flock, no godwits, 8-12 Black-bellied Plover, a few small flocks of Sandpipers, two or three red backed. Several flocks of ducks flew south while tide was still high. In salt pools south of the west end of the bridge Sandpipers

1932. October

were more abundant and many pipits were seen in bright plumage. At the east end of the Dunn Bridge a large raft of White Pelicans were on the water <sup>at the bottom</sup> and a dozen or more American Egrets stood high like herons. St. Blue Herons were numerous on the north side of the bridge and three or four ducks were seen - probably pintails. Near Decoto a Cooper Hawk flew over a hedge into the roadway, then off over a field.

(Oct. 15) Drove to Boulder via Dunbarton Bridge - no pelicans or egrets to be seen - tide high - Many sandpipers and pipits in the roadway. A few St. Blue Herons and ducks in distance. At Lake Merritt at 9:30 a.m. about 300 Pintails, 100 Baldpates and a few Mallards were waiting for the whistle to blow. Warm at night.

(Oct. 16) Heard Hermit Thrush, Fox Sparrows and Gravelled Sparrows near house at Boulder. Drove home via Lagoon. N.W. and fell some except at Alameda Bay and south end. Saw three Pintails.

(Oct. 17) Chilly north wind. Day not very sunny clear - first time this fall.

(Oct. 18) First snows in San Jose. N.S. and in Berkeley. Chilly. Cooper Hawk across the road.

(Oct. 19) Fox Sparrows on feeding ground. Warmer N.W. and a male Ring-necked Pheasant crossed highway just north of Mt. Eden.

(Oct. 22) Chilly at Boulder Creek. Hermit Thrushes numerous -

(Oct. 24) <sup>Berkeley</sup> North wind again <sup>Windy</sup>. Lost humidity. Five Fox Sparrows and two Hermit Thrushes at pool. Fox Sparrows have begun to come to the table.

(Nov. 1) Heard several Varied Thrushes yesterday and today in the early morning. Very few birds seen during a walk up Strawberry Canyon. Very dry.

(Nov. 2) Light rain.

(Nov. 6) Rain in morning.

Nov. 7-18. Indian Summer -

Nov. 8. Went to Lake Merced. A few Bonaparte Gulls on the bay. Killdeer and Meadowlarks in Presidio (pipits heard); Turnstones (black) at Cliff House, also hundreds of Brown Pelicans - On Lake Merced a close raft of Eared Grebes <sup>(150+)</sup> floated like ducks, all disappearing at once as they dove. They seemed to be following a school of small fish. Pied-billed Grebes numerous. 35 species seen.

Beautiful Calm day -  
Nov. 11. A female Pheasant crossed highway near Mt. Eden ( $\frac{1}{2}$  mi. north).

Nov. 12. Drove from Boulder Creek to Moss Landing where we

wandered about for  $1\frac{1}{2}$  hrs. High tide just turning. In lagoon many gulls on a sand spit still under water. Ducks; Surf Scoters ♂, White winged Scoters ♀, Bluebills, a few mergansers (♀, Red-breasted?) red on edge of bills - Two ducks in flight with much black and white and with white ring on neck may have been male mergansers. 2 Brown Pelicans, many Bonaparte Gulls. Gt. Blue Heron. Coots, a flock of two or three hundred Willets and Godwits, most of them Willets; Killdeer, 1 Loon, Cormorants Eared, Pied-billed and western Grebes. Beautiful warm day - Frost at Boulder Creek in morning.

Nov. 13 Frost " . Warm day -

Nov. 14. Faculty Bird Section went to Linda Country Club.

Beautiful calm day - Birds very abundant. On storage lake Mallards, 1 merganser (red-breasted? female - bill black) 1 Pied-billed Grebe. A pair of Redtails spent most of the time perched on telephone poles above lake or sailing over grassy hillside; two Sharp-shinned Hawks, one Sparrow Hawk and one large hawk with narrow long wings.

1932

I dual crossed road as we drove out. Calif. Jays ab. Calif. Woodpecker  
also. Flickers ab. Heard Nuttall Woodpeckers. Saw Black Phoebe,  
Anna Hummer, Bush Tis, Titmouse, Vigors Wren, Thrasher.  
Heard Wrentit only once. Saw Robins, Bluebirds. Audubon Warblers(ab.).  
Kinglets (R-C), Brewer Blackbirds, Meadowlarks (heard), 1 Pipit,  
G-C. and Gambel Sparrows. Song Sparrow (heard), Spotted Towhee,  
Linnet, Fox Sparrow, Hermit Thrush.

Nov. 15. Bird Lovers Group went to Lake Merritt. Ducks less numerous than in past years. Many in middle of lake did not come in to feed. Mallards, Pintails, Baldpates, Ruddies, Bluesides, Canovasbacks, a few Golden-eyes (two females, one male, diving continuously). Geese: Canada, Hutchins<sup>(10+)</sup> and Cackling<sup>(3)</sup>; White fronted<sup>(2)</sup>, Snow<sup>(15+)</sup> and Ross<sup>(1)</sup>. Grebes: Eared and Pied-billed. Gulls - Glaucom-winged (imm.), Herring (ad.) Calif (imm.) + Bonaparte (1), Cormorant (1). Beautiful weather becoming cloudy in afternoon.

Nov. 17. Hot. East wind.

Nov. 17 - ~~Det. 3 or 2<sup>nd</sup>~~ Say again for number, so on -

Dec 21, 20 Rain. 8:29. Left top of Rd & Lc up. Went to  
Ukida Co. by C. & where birds were very abundant. Six  
female Menges were on lake (Robt's?). Began to rain within  
an hour. Retired to Butler's for lunch. Then went to museum.

Day 3. Went to San Pedro via Santa Ana in three hours. Bought jib and other  
left H. g. out in + 2 q. Warm day. Little work in garden,  
the trees are. Found birds and did a little photographing.

Mr. & Mrs. R. Smith live near Bird's Nest Ranch over  
the river. They are stockmen along Bear Creek. Hunted  
over the mountains. The tree of Bolinas bay and over the

Fairfax border. Stopped at Meadow Club for coffee & tea.  
 In bay: Coly, Western, Glaucous wing'd and one Ring-billed  
 Gull. Franklin Cormorants and Western Gulls (in flight) and many  
 Surf Scoters and a large raft of Common eiders. Saw some  
 American Least. At the bar a bare breasted (was he on edge  
 of my relay marker) he was very silent! Coly & Least sp.;  
 Turkey Buzzards, Crows, & Cicker,  
 A Willow Warbler, Black Phoebe, Chickadees, Wrentits, Ring or King  
 lets, Ash-throated Flycatcher, Song Sparrows, Golden-crowned, Gambel,  
 and Nuttall Sparrows, Pine Grosbeaks, Purple Finches, Larks,  
 Brown and Spotted Towhees, Robins and Varied Thrushes. Com-  
 mon. Varied Thrush ~~perched~~ high in the willow, answered my  
 call as I imitated his note. Between Olalla and Colfax  
 Bluebirds and juncos were numerous, several Sparrow  
 Hawks were seen at Colfax Bay a brown Hawk with  
 white patches on the wing was perched on a fence post  
 (sp.?) Eighteen White Pelicans perched on the water break's  
 minnow hole gulls and a few Double-crested Cormorants,  
 Ruddy Turnstones <sup>and Gulls, Coots,</sup>, a Rock sand-  
 piper, Horned and several G. L. Gulls, and Killdeer were  
 seen and a Kingfisher was fishing from <sup>the</sup> ~~top~~ <sup>the bottom</sup> of a stick  
<sup>Brown Pelicans were flying so near the Bay-</sup>  
 in the water. Along the road over the grade a Red-tailed  
 Hawk was perched on the top of a timber but sailed off when we  
<sup>Buzzards were near the road</sup> stopped at the Meadow Club, many Buzzards <sup>a White and</sup> a  
 Grays and Crows. Sparrows and many other birds &  
 others were seen. Along the way at different places we  
 and flocks of Meadowlarks and quail were heard. 52 sp.

1932

Dec. 8. Turned cold with north west wind which brought clouds - at 8 p.m. it began to snow and snowed most of the night.

Dec. 9. Very cold. Snow remained on hills and on our east porch all day.

Dec. 10. Bird pool covered with ice. Cold all day.

Dec. 11. Much clearer. Blue hydrants froze and many plants were killed. And. Assoc. (20) came to water birds which came eagerly for food. Pool frozen. Temp. at 18°.

Dec. 12-15. Pool remained frozen - Cold wind blew down canyon almost continuously. Very dry.

Dec. 16. Weather moderating.

Dec. 18. Drove down to Boulder Creek; <sup>and back,</sup> Detour from Fellows to Ben Lomond - bridge out. everything at house O.K. - ice in bathroom. Temp. had been 14° at Cris' Garage. Rain.

Dec. 19. Rain. Warmer.

Dec. 20. Full fog all morning.

Dec. 24, 25. Clear, crisp.

Dec. 28. Many glass doors ranged full, polishing boat. A few bits of old debris.

Dec. 29. Drove to Boulder Creek & to Saratoga. Clear, crisp.

Bu. Tailed P. 20's on snow - 30-50. Bluebirds in meadow were gone. Remained in evening. Five tracks in winter pipes (see Dec. 11).

Dec. 31. Remained to Boulder Creek. Clear at night. Very cold - pipes冻了 until 11 a.m. 9-10°.

1933

Jan. 1. Bowles Creek. Heavy frost; ground frozen. No water until 11 a.m. Took walk from 11:30 - 2:30. Clear, warm sunshiny. Many pine siskins, bluebirds, chickadees. A few juncos, green-crowned sparrows, R.c. Kinglets, Song Sparrows. Calif. jays. Two song sparrows seemed to be courting. Male sang with voice and followed female when she flew. One Black Phoebe, a Hutton's. Cold again at night.

Jan. 2. No water until 11 a.m. Bought all pipes were drained last night. Pipe over river says sand must have frozen enough to stop flow. Sunny but not so clear as yesterday. Large flock of birds at rear house. Drove home in afternoon increasing by cloudy.

Jan. 3. Rain - trail empty. Hopper each day - Wren.

Jan. 4. <sup>Cloudy in afternoon</sup> Sun & wind - bird in fence - a pair of Chipping Sparrows - Mountain Chickadee

Jan. 5. Walked up to top of ridge between Shaverino & Cleveland Canyons. Best and we in shaded cottonwoods, and very dry down on the dry ground in sunshiny and kept perfectly warm. Birds very few on the higher hills - occasionally a Pinyon and I got to see a flock of golden-crown sparrows, one of goldfinches; a screech owl and heard a Thrushcatcher. Saw also two Red-tail Hawks. Hills are just beginning green as there has been very little rain.

1923

Jan. 9. Cold morning. Heavy frost on our side of the ca you. Family took out to Lake Merced to watch ducks. It began to snow at 9:15 a.m. as we were all close to the wall eating the food which was brought at 9:30. Caribou tracks were most numerous. A few Beldings, Pintails and Buffleheads and six or eight Redheads were mixed up with them. There was great excitement and screaming especially when they heard the man approaching with his sack of grain on a sled and when the ducks heard him approach. I think the food was thrown to them at the lake shore. Beldings and Redheads again to the lake. Pintails and Buffleheads fed upon the grain that flooded into a number of Basins. I am afraid the party of 12-14 that was about to open Niagara at 12 a.m. scattered the feeding at the previous Pintails were still there. Buffleheads went by me rapidly. Two Mallards were seen and three or four Black-necked Canada Geese (12-13) stayed outside at the south end. Very S. of Grace (10-12) a male the same place. It's a hard word the first time. Waterfowl day and the second best. Many numbers are still with birds and flocks of others.

Caribou is the feeling now that it is so quiet. Well in the sun because of the heat and cold. I thought I had a good idea of what was on with a file line, trees. Cattle boy.

Jan. 10-15. Occasional ice fogs. No rain.

Usually heavy frost in morning. Varied Thrush.

Jan. 18. Rain at last. Mr. Brock reported a flock of 100+ Mt. Bluebirds about three miles east of Irvington on Jan. 17. Berries still abundant.

Jan. 18-28. Rain most of the time; usually heavy frosts at night.

Jan. 28. Dr. Grinnell brought his class to watch birds through the window - 66 in class, came in three sections. One Blue Jay had lost its right tarsus; one quail was lame. Birds came continuously from 8:15 a.m. to 12. Raining much of the time.

Jan. 29. Clear most of day with warm sunshine in middle of the day. Snow on Mt. Diablo. Over twelve feet in the Sierras.

Feb. 1. Blue Jay singing

Feb. 4. Clear. Drove to Boulder Creek. Cold at night. Snow on Mt. Hamilton Range.

Feb. 5. Very heavy frost in morning. Shaded ground frozen about an inch below surface. By 10 a.m. it was warm in the sunshine and we ate lunch on the porch at the sunny end. A water-ouzel, perched on a boulder in the river below the cottage was singing when we returned from a walk. So long as I was out of sight it perched quietly but when approached more nearly it began to bob in a nervous manner and finally flew with a rattle call. River flows over the dam all the way across and is thoroughly washed out. Drove home after lunch. Birds: Hutton Vireo, Black Goldfinch, Sp. Wren-tit.

Gholbe, R-C Kinglet, Siskins, Purple Finch, Chickadee, Creepers, James Song Sp. Ouzel

1933.

Feb. 6 Fairly Warner at night and quite spring like during day. Worked in garden. Titmouse, Hutton Vireo, Thrasher, Song Sparrow, Wren-tit and Vigors Wren singing. Some of the smaller birds come to the coconut shell to feed. I hung the shell from a string below the feeding table, filled it with seed and provided a perch, hoping the smaller birds would use it but the quail and jay would

not be able to do so. Did some planting in the garden.

Feb. 7. Cold again. A Varied Thrush was seen bathing in the pool.

Feb. 10. A cold east wind. Feb. 11. Rain. Feb. 12. Rain. Feb. 13. Clear. Warm.

Feb. 14. Planted shrubs at bottom of garden.

Feb. 15. "Lady Birds" went to Orinda. Spent most of time watching four Mergansers. One with red bill, clear white throat, larger was a female American Merganser; the other three, smaller, gray or brown crest were female Hooded, we decided. At San Pablo Reservoir there were two large flocks of Canada Geese on the grassy slope next to the water. At Orinda a flock of 30+ Blue Bills was quite wild and took to flight soon after we arrived.

Feb. 16. Rainy.

Feb. 17. Warner. Clear. Organized Bird Lovers course at City Club.

Feb. 18. Went to Boulder Creek. Bought more Toyons & Washington Thorns.

19. Heavy frost on lower ground. Warm by 10 a.m. Hutton Vireo, Vigors Wren singing. Bought native rhododendrons at San Clara.

Feb. 20. <sup>Between</sup> Planted rhododendrons etc. Purple Finch singing.

Feb. 21, 22. Warner. (Grazes moved to S.)

Feb. 23. Showers.

Feb. 24. Bird Lore. Very clear, crisp, Wind N.W. Walked from College Ave. to above dairy. Birds very abundant. Found Titmouse (singing), Chestnut, Townsend's Warbler, Gambel Sparrows, Brown Towhees, Hermit Thrush, Robins, Flicker, Willow Woodpecker, R.c. Kinglet, Allen Hummer (♂) Linnet (singing), Purple Finch (singing), Sharp-shinned Hawk, Golden-crowned Sparrow, Song Sparrow, Fox Sparrow, Quail, Vireo Wren, Cal. Jay, Coast Jay - Audubon Warblers. 1 Cedar Waxwing Spotted Towhee. 24 sp.

Feb. 25. Boulder Creek. Much warmer. No frost. Large flocks of pine siskins were feeding on seeds on the alder trees. (cuckoo?) Hutton Vireo was singing continuously.

Feb. 27. Gary talk on how to attract birds to the garden before the "Earth Worms."

Feb. 28. Bird Lore (adr.) went to Berkeley Country Club. Large flock of Pine Siskins in eucalyptus trees, did not circle out as one flock but in small loose groups. Saw a few single ones on the ground. Learned song and different calls. Cool with fog early, later clear. Many meadow larks singing - also robins & juncos on ground. One junco perched low sang repeatedly its trill. Saw also Hermit Thrush, one pipit, Anna Hummer (full plumaged male), Song Sparrow, Marshall Sparrow (both singing).

At home in late afternoon a junco was singing its varied goldfinch-like song, perched in a low hazel bush within ten feet of where I was working.

1933

Mar. 1. I watched ducks at Lake Merritt for half an hour in the afternoon, 3:15 to 4:15. Many of the diving ducks were out of the Embarcadero but I began to notice flapping noises as 3:30 approached. First one, then another would flap its wings violently, part of the time in the water, then rising as high as possible and flapping vigorously. Later near the fresh water feeding place, there was much vigorous bathing and preening. Mallards were mating. Copulation took place with the female almost under water. Males were quacking — a very subdued noise as contrasted with the quack of the female. Did not see the European Widgeon (the Snow Goose was small and had no black on the edge of the mandible). Its note was very different from the larger Snow Geese. All the ducks and geese seemed excitable and made much more noise than on other dates when I have been there. Eared Grebes were numerous. Saw no Goldeneyes, Buffleheads, Spoonbills or Teal but did not have my binoculars so could not see the birds at a distance.

Mar. 2. Boulder. Arrived at 5:40 p.m. Water Ouzel was singing a little up-stream from the cottage — continued for ten minutes. Frost at night.

Mar. 4. Large flocks of Pine Siskins. Two Chickadees were feeding and calling near the box we put up last summer. I did not see whether they entered it. Kingfishers were heard frequently down stream. A Sharp-shinned Hawk dashed into a bush; a Brown Towhee gave its alarm note as it flew out. Saw no quail or rabbits on the place.

Much warmer at night. A touch of frost east of house.

March 5. Near Congress Springs I heard the call of a Western Flycatcher. Apricots beginning to blossom. Almonds in full bloom. Warm all the way down.

March 7. Soon after I put out seeds in the morning a titmouse came to the table and took a sunflower seed. After eating it he began to give his loud "sweet" call which he repeated over and over. He then took another seed and called several times, then disappeared. I could hear him calling below the house and within two minutes he came back with another titmouse. The calling ceased and the two birds took turns at the table.

March 8. Audubon Warblers are heard frequently near the house now that the sun is higher and weather warmer.

March 10. Lake Merced. (Bird life begins). Many Glaucom-winged Gulls on bay <sup>a.m.</sup> and along pier p.m. Identified also Calif., Western and Ring-bills. Red-bills and Eared Grebes on Lake Merced. A flock of Eared Grebes followed by gulls in the middle of lake. Grebes all dove simultaneously. Two pairs of Mallards flew out of tufts and coots dove often to bottom of lake and brought up reeds. Could not detect that they used them though one coot swam back and forth across the end of the lake to a certain spot in the tufts many times. The ground around the northern and western ends of the lake has all been removed in preparation for raising the water level. In the tufts on the south side of the lake there were Yellowthroats and Tufted Wrens. Found also Chickadees, Song Sparrows, Linnet

1933

Allen Hummers, Bush-tits, Vag. Wren, Audubon Warblers.

Brewer Blackbirds Spotted Towhees, Nuttall and Song and Fox Sparrows, <sup>Junco</sup> and Pine Siskins. In the court at the Legion of Honor a Fox Sparrow was bathing in the water he could shake from the grass (there was a shower last night.) At the Cliff House rocks there were many Western Gulls and Cormorants. We watched the cormorants bring in fish. A Black Turnstone was seen in the distance (high tide). At Stow Lake Ruddy Ducks were in full plumage, a few Blue-bills and Pintails and Mallards and near by Canada Geese.

Surf Scoters were near the pier in the afternoon. 3<sup>rd</sup> species  
Mar. 11. Heard a Lutescent Warbler in the distance. A Thrasher has begun to sing across from the Wilson house on Meadow Rd. where it sang constantly last summer. Cedar Waxwings at Menlo Park.

Mar. 12. Rainy.

Mar. 13. Cloudy. Faculty Section in Strawberry Canyon

Bush-tits building a nest in low branch of cypress at junction of stadium rim road and road to dairy.

Anna Hummer (female) carried nesting materials to oak tree next to house for poultry division director.

Allen Hummer (female) carried nesting materials near same place. Male doing pendulum.

G-c Sparrows, Fox Sparrows and Brown Towhees feeding on ground in dairy yard. Hermit Thrush on fence & in grass.

Lutescent Warbler abundant all way up canyon, spaced for nesting And. Warblers in Eucalyptus and Alders. Pine Siskins in alders.

Cal. Jays everywhere, Coast Jays above bridge.

Flickers ab. <sup>spring calls.</sup> Wren-tits occasional, a few songs.

Sawdust Hill La

Mar. 13. contin-

Junco - singing; more resonant, more staccato than Lutescent W.  
Spotted Towhee, Song Sparrow, Vireo Wren, Titmouse, Thrasher,  
Ruby-crowned Kinglet

Mar. 14, 15, 16 Rain.

Mar. 18. Boulder Creek. Warm spring weather. Modest Milk-maid,

Mar. 21. Sears Pt. Draining all the marshes. Shore birds not

<sup>only</sup> abundant except sandpipers. A few Black-bellied Plovers and  
Willet. One Am. Egret. Yellowthroat and Tule Wren in bushes. A  
<sup>house on corner</sup>

Corte Rd. Mar. 23. flock of Violet-green Swallows - were gone four hours later.  
Barn Swallows a few. Forty species. No bitterns. A few <sup>very clear</sup> Beldings  
and pintails. One male Marsh Hawk in full plumage. Cool wind.

March 22. Benicia and beyond. In marshes saw several Wilson  
Snipe (red breasted and peculiar flight noticed). Yellowlegs,  
one to seven in each pond, single, <sup>Am.</sup> igrets in many different  
places, two Bitterns, many sandpipers, one small flock  
of Bonaparte Gulls. Violet-green Swallows in several  
places, no large flocks. Savannah Sparrows, Marsh Hawks  
a few pintails and 1 pair of Mallards. Cold wind. Clear.  
<sup>Rained a little at night</sup>

March 24. Berkeley Country Club. Birds scarce except Nullall  
Sparrows. Pine Siskins. Saw one pipit, one Willow Goldfinch,  
many Anna Hummers, heard one Allen. A flock of juncos.  
heard Purple Finch and meadowlark. Cold wind.

March 25. Gentle rain. Chilly.

March 26. " " " warmer. New leaves coming out on oaks -

Two male juncos are here. One hopped on the right foot uses  
his toes on the left foot very gingerly; the other - hopped like  
the right foot hangs. A female junco watched all the time and ate food.

March 27. Heavy rain - warm. Heard call note of Pileolated Warbler. G-c Sparrows are molting head feathers.

March 28. Fox Sparrow sang satis voce. Purple Finch sings frequently.

March 29. A number of warblers were feeding in the oak trees - Audubon, Lutescent, Pileolated and Townsend (? song heard). G-c Sparrow ringing. Gulls rose in a spiral over the hills then flew eastward.

March 30. Drove to Boulder Creek. Heard Western Flycatcher distinctly in Ferndale, back of Oakland.

No swallows. Many finches and Green backed Goldfinches in orchards in Santa Clara Valley.

Intercost and Pileolated warblers at Boulder Creek. No robins yet.

March 31. Drove from Boulder Creek to Carmel and then over the new highway as far as Rainbow Bridge on the way to the Big Sur. At Moss Landing

<sup>huge flocks of swallows</sup>

were many coots and some ducks - especially Ruddies, a few Mallards. A few shore birds. Did not stop to identify. At the Rainbow Bridge a

pair of White-throated Swifts were soaring above. A Sparrow Hawk hung poised in the air for a long time though the wind was blowing a gale. As it rose after a drop it was blown backward by the wind but came to rest in the same place again. This happened several times while I was watching. The feet were dropped frequently, there was no beating of the wings only muscular movements of adjustment to the wind.

On the return trip we took a road that went from Watsonville to Rob Roy and stopped for awhile near

Flowers - California, low camellias (blue)  
Daffodils, cream cups, blue - blue eye &  
Lupine (pink-blue).

a salt-tail swamp surrounded by willows. Birds were everywhere, many singing. A flock of Gambel Sparrows by the road side, a Thrasher called above them, Bluebirds and Linnets in the tall trees, Willow and Green-backed Goldfinches in the willows; Yellow-throats, Dusky and Bicolored Warblers all singing - Saw one Warbling Vireo several times but heard no sound from it. A few Violet-green Swallows soared above. Warm except below ground.

April 1. Beautiful warm day at Boulder Creek. Worked in the garden all the morning, planting dianes, red poppies, portulaca, sweet peas etc. Drove home in afternoon. Primroses in full bloom in Santa Clara Valley. Poppies, Phacelia, mustard, wild portulaca in full bloom. Lupines just beginning to blossom. Creepers singing. Also, juncos, chickadees, Townsend Warblers - Purple Finch.

April 2. The warmest day we have had this spring. Heard the W. Flycatcher below the house and the House Wren across the canyon. Another flock of gulls rose calling loudly then flew northward. Looked like Glaucous-wings.

April 4. Went to Merced Lake. Cool. Fog along the shore. Western Grebes were giving their mating calls. Zared Grebes in flocks, a few Pied-bills, <sup>a few Cormorants (Farallone)</sup> Mallard ducks were numerous, all males. Females probably brooding. House Wren and W. Flycatcher and Bicolored Warbler as well as hundreds of Allen Hummers. Audubon Warblers and Cedar Waxwings. Pine Siskins, Willow Goldfinches, Purple Finches and Linnets. Song Sparrows, Robins, Vagabond.

1933

Brewer Tits, Chickadees (heard), Nuttall Sparrows. We ate lunch at the bottom of the bluff near the tiles. Western Yellowthroats came very near and Tree Wrens were singing on all sides. A Sora Rail walked out immediately in front of us soon after we heard its loud call. Coots were everywhere. No swallows were seen. At Slow Lake large numbers of Glaucous-winged gulls but only one in full plumage. Ruddy Ducks were in full plumage. A few Bluebills, Pintails and one Canvas back, many Mallards. Two Cackling Geese. In the bay were Western Grebes and Surf Scoters. Very few gulls. No Bonapartes all day. At the Japanese Tea Garden flowering trees were at their best.

April 5, 6. Cloudy, cool. Apr. 6. Watched a pair of quail that had separated from the flock and seemed to be looking for a nesting site. The female stood perfectly still in a spot at the top of the open-work wall for twenty minutes while the male perched a few feet away. Then the female disappeared in the oxalis for a few minutes, returning to the same spot where she spent another 15 min.

Apr. 7. Foggy in early morning, then clear, cool. Spent morning with Clark in Cordones. Birds very abundant. W.V. Golden-crowned Sparrows. Fox Sparrow. Audubon Warbler. Hermit Thrush. <sup>R.-C. Kinglet</sup> Cooper Hawk. S.V. Pilolatis and Intercent Warbler. Warbling Vireo. W. Flycatcher. Allen Hummer. Migr. W. Tanager female. Per. Res. Flicker. Bush-tit, Wrentit. G. & G. Goldfinch. Purple Finch, Linnet. Pine Siskin. Brown & Spotted Towhee. Song Sparrow, Titmouse. Virgin Wren, Anna Hummer

25 sp.

Apr. 8. Took Mr. & Mrs. Mead to Boulder Creek. So clear with light north wind that we crossed to San Francisco and drove down the Skyline Blvd. Taking picnic lunch. Chilly.

Apr. 9. Very clear after cold night. Heard Black-headed Grosbeak first time this spring. Not many bird about the house yet. Took picnic lunch and drove along the coast from Santa Cruz to San Francisco - the first time we have done this as the fog has always blown in so we have turned inland at San Gregorio. The road from Montara to Salada went over a high mountain by a twisting road barely wide enough for two cars. Beautiful views everywhere. Monterey pines grow for some distance below Punta Aros Nuevo - very beautiful large trees. Seals flew past in long lines. A few Bonaparte Gulls were near the east end of the Berkeley pier. No shore birds were seen. Several flocks of Gambel Sparrows seen along the shore road. Very clear. Warmer than yesterday. Glaucomus-winged gulls were following a tractor in one ranch -

Apr. 10. Heard Black-headed Grosbeak near house (Berkeley) <sup>Ruby-crowned Kinglet singing</sup>

Apr. 12. Tolmie Warbler was singing at end of Mosswood Rd.

A flock of Townsend (?) Warblers went through the oaks, singing. Hermit Thrush was calling excitedly about 6 a.m. At 4:50 a.m. a Spotted Towhee began singing, at 5:00 a Song Sparrow, at 5:05 a Vigor Wren <sup>Ruby-crown Kinglet singing p.m.</sup> Apr. 13. Fox Sparrow has been singing the last few days. Golden-cr. Sp., numerous, mostly with black & yellow crowns. A few juv. still, have been very numerous. Heard a Grosbeak down town. Tolmie Warbler w. east wind.

Apr. 15. Hermit Thrush at dawn in Berkeley. Mrs. Leavens reported many Gambel Sparrows; also Cedar Waxwings eating oak worms.  
 Apr. 15. Drove to Boulder after lunch. Cool. Fruit blossoms about gone except in the mountains. White Clematis on summit. <sup>Mockingbird</sup> <sup>at Calaveras</sup>  
 April 16. Awoke at 5:15. Brown Towhee calling. Then joined (singing) then Song sparrow. Gap. Purple Finch. Then Grosbeak. Later a Warbling Vireo was heard. No real chorus or continuous song. Cloudy. Shower near Santa Clara on way home p.m.  
 April 17. Berkeley. Cold with occasional showers. Lutescent Warbler sang continuously at dawn. A pair was near the pool most of the time on April 14 when I was working in the garden. Hermit Thrush was calling at dawn and in the afternoon two Fox Sparrows were seen from the east window. A pair of juncos came to the table several times, one feeding from the hoppers and one from the cocoa nut shell. A member of the Women's Faculty Club told me of a Blue Jay's nest (Cal. Jay) in the Eugenia tree at the front door. From her window she can look into the nest which contains 4 eggs. She says that at 5 p.m. each day the male comes and perches near the nest, watches for a few minutes. Then the female flies off, he follows her. After a few minutes she returns to the nest. She has watched the male feed the female on the nest.

April 18. Bird Lovers' Cordonniers Park. Clear, cool, N.W. breeze. Warbling Vireos were numerous and in full song; Purple Finches in a group of 7 feeding on willow seeds; Tolmie Warbler singing for fifteen minutes, did not see him well; Pilolated Warblers were building a nest on the bank above the stream; Linnets, Bush-tits, Cal. Jay, Brown and Spotted Towhees and Wrentits; one Western Flycatcher near the bridge. Below the bridge a flock of Golden-crowned Sparrows with

a few Gambrels came up one by one from the stream and crossed the path into the shrubbery above. Golden-crowns in full plumage. A Hermit Thrush was scolding a cat on the other bank. An Allen Hummingbird was doing the pendulum. A Grosbeak sang while flying. As we returned an Anna Hummer did the pendulum dropping just above a perched female.

P.M. San Francisco. A few Glaucom-winged Gulls, one in mature plumage; several Western in full plumage and many Calif. Gulls followed the boat. Three birds that looked like lemons flew directly west low over water, very white.  
 April 19. Cool Golden-crowned Sparrows were back on the table. A Hermit Thrush came through the garden in the late afternoon. As I sat on the porch (5:30 p.m.) watching a gopher opening a hole and eating a fox glove plant a pair of quail came along the bank. A second male was driven away. As they approached the gopher they stood still and peered into the hole, then began the quiet quiet note. Three pairs of quail came by - one of the males was the very tame one. Mrs. Leavens reported the Gambel Sparrows gone from her garden which was full two days ago. Three times I heard a sound which reminded me of the noise made by the Calliope Hummer at the bottom of the arc in a pendulum swing. Heard a Yellow Warbler three times as I drove past the campes on Alston May.

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Heard the note of the Calliope Hummer more distinctly.  
April 20. Chilly fog most of day. University sprayed the trees  
near our place. In late afternoon a flock of Golden-  
crowned Sparrows came to bathe, many singing. With  
them was one (possibly two) Gambel Sparrows and one  
Fox Sparrow. There was quite a little fighting directed  
mainly against the Gambel Sparrow which was  
driven away from the pool many times. All in  
full plumage except one Goldencrown. Hermit  
Thrush was in the garden today and robins eating  
oak worms. Mrs. Kimball reported Russet-backed Thrush.

(Apr. 21. Cool with morning light fog. Went to San Mateo Bridge  
for shore birds. Stopped in a canyon in the mining region  
north of Leona Heights where I certainly heard a Chickadee.  
At the bridge there were many thousand birds: Godwits  
and Black-bellied Plover <sup>(most in full plumage)</sup> most abundant, Sandpipers (Western  
and Red backed in full plumage), many Dowitchers, some Knots seen  
very distinctly, many Hudsonian Curlew and some Willets,  
a few Semipalmated Plovers and a few St. Blue Herons. As we stopped before reaching the bridge  
two Clapper Rails were seen in the slough. While crossing  
the bridge Bonaparte Gulls and Caspian Terns were seen and at  
the West end 20+ Forster Terns. There were many Cliff Swallows  
on the salt ponds as we drove south toward Dumbarton  
Bridge and on the roadway werenumerable pipits in  
addition to a few flocks of sandpipers. Tired Gulls (two small  
flocks) were just changing into summer plumage. Very few  
gulls except Bonapartes which were very numerous.  
I heard several Yellow Wagtails as we drove along the Oakland  
highway.

Upper 24. Middle 25. Lower 26. Same sp. 20.  
on Apr. 21 except Willets Garry Gees. Curlew few  
no rails.

April 22, 23 Boulder Creek. Plants Geneva. Cassin Vireo heard from the cottage. James heard Olive-sided Flycatcher down the lot and I heard and saw one up the valley as we drove home. Many Grosbeaks singing, first bird at dawn, followed by Song Sp., Juncos, Pileolated Warbler. Worbling Vireo later. We stopped on the way down at Malyner's Nursery near Mt. View where birds were very numerous; grosbeaks, orioles etc. Swallows about a barn near there.

← Apr. 24. <sup>Beginning</sup> Cold, high fog in morning. A Thrasher was seen several times in the garden, digging among leaves. Saw Hermit Thrush.

Apr. 25. Broken clouds, fresh N.W. wind. A flock of 50± Cedar Waxwings came into the oak trees where they were seen pulling out oak worms. A Thrasher was singing just east of the house in morning.

Apr. 26. Cordomes Park. Sunny, cool. Many birds and most of them singing. Many pairs of grosbeaks, one fight between two males - apparently at boundary of territory. Many pairs of Warbling Vireos. Nest of Pileolated Warbler (see Apr. 18) was finished and contained two eggs. Anna & Allen Hummers were seen and the pendulum note of the Calliope was heard several times. Once the bird was seen in conflict with an Anna - looked very small and pale but the motion was too rapid for exact identification. No Tolmie Warbler. A flock of Golden-crowned and Gambel Sparrows in full plumage came up from the stream through the Luforth garden. One Nutall Sparrow. Two Russet-backed Thrushes were among the oaks in the east end of the park - Heard the

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call of the R.-b. Thrush in our garden in the afternoon. About six p.m. I watched the nest of the Calif Blue Jay (see Apr. 17) near the top of a Eugenia Tree in front of the Women's Faculty Club. The babies hatched (?) was told) on April 19 - there are three. When I arrived at the window above and very near the nest the female was brooding but restless. After a few minutes the male arrived, the female stood up on the edge of the nest while the male fed the young. He then took the excreta in his bill and flew away W. Almost immediately the female followed. After a five minute wait she returned very stealthily from ~~the~~  
<sup>behind</sup> back and below the nest and fed the young. Then took the excreta and swallowed it, then settled to brood. 6:10 April 28. G.-c. Sparrows singing near pool. Thrasher singing across the road just above the house. Tolmie Warbler sings every morning frequently, Vireo Warbler and Song Sp. sing constantly; Lucifer Warbler & Spotted Towhee. W. Flycatcher usually at a distance but this morning near the old nest site under the porch. A Robin picks up worms from the ground, allows me to come within three feet. Bluejay was taking worms from leaves near top of tree, also Purple Finches - Beautiful day.

April 29 <sup>Apr. 28</sup> Rain at night. G.-c. Sparrow still singing. A pair of thrashers are gathering food - <sup>Cape Horn singing near house in Berkeley</sup> for young. Doves. Boulder Creek. Cool. Broken clouds. Apr. 30. Partly cloudy. Warm at Bowles Cr. in sunshine. Heard Olive-sided Flycatcher & Ash-throated Flycatcher. Lunch in Big Basin - chilly.

Berkeley

May 1. Cloudy with showers. Lazuli Bunting singing near the house repeatedly. Hummingbird with wheezing pendulum squeak - Rufous or Calliope? Thrasher digging near pool banks. Raining quite hard by noon. While we were eating lunch by the fireplace James called my attention to a bird with a red head in trees next to the N.W. porch. It was a full plumaged W. Tanager. There were several, all males but one with very little red on head. With them were several Grosbeaks and one Ash-throated Flycatcher. They stayed near the house for three quarters of an hour. They were all eating oak worms. Both the Tanager and Grosbeaks fluttered under a twig if they could not reach in any other way. The Flycatcher perched on a branch then darted across to a bunch of leaves six to eight feet away, seized a worm as he flew, then onto another perch. There were female Grosbeaks as well as males. Both Grosbeak & Tanager sang. Trees have not been sprayed yet. Heard no Golden-crowned Sparrows today.

May 2. Broken clouds to clear sunshine. Heard Golden-crowned Sparrow at home. Spent day in Contra Costa Co. in Tyce Valley and at Alamo. Chilly wind, warm in sunshine. Birds very abundant. Saw following birds: Redtailed Hawk, Sharp-shinned Hawk, Mourning Dove, Willow-downy Woodpecker, Calif. Jay (one), Western Flycatcher, Wood Pewee, Black Phoebe (heard), Cliff Swallow (100's), Plain Ternouse, W. House Wren, W. Robin, W. Bluebird, Purplish-backed Thrush, Calif. Shrike, Warbling Vireo, Pilolated & Yellow Warbler, Bullock's Oriole, Brewer Blackbird, W. Meadowlark, Redwing,

(over)

Linnet, Black-headed Grosbeak, Green-backed and Lawrence Goldfinch, Lazuli Bunting, Chipping Sparrows, Spotted and Brown Towhee, Song Sparrow.

May 3. Tanagers heard several times during the day. Brown Towhees are eating oak worms. Vigors Wren sings constantly near the house (E.). A pale hummingbird which makes no sharp buzzing sound as it flies was seen at a distance, gave the wheezing pendulum note. Robins are picking up a man walking about 4:30 p.m.  
 Campers said a blue jay, willed by small birds and knocked senseless by them. He picked oak worms from the ground. Chilly partly cloudy. A pair of Purple Finches were giving nesting call that sounds like Hutton Vireo, flying especially through the trees.  
 May 4. High fog until 11 a.m. A male and female grosbeak took the day and  
 the museum have been seen several times in the oaks eating oak worms. Golden-crowned Sparrows were singing between 6 a.m. and 7 a.m. One repeated several times a song of It was put in a cage in room, given food and water four notes — — — . Robins and Grosbeaks still and kept their about. Heard Lazuli Bunting also. Song sp. Vigors Wren, during the morning Sps. Towhee, Pil. & Lit & Tolmie Warbler of course. A Vigors Wren went into the nesting box on the post below the house and the Western Flycatcher flew out from under the N.W. porch when I went out. At the end of Morewood Road a pair of Pt. Pinos Juncos were feeding noisy young apparently out of the nest and hidden in some bushes just below the path. Several Rufous Hummers were seen.

May 5 and 6. Cooper Club Annual meeting. Cedar Waxwings near Museum. Rain at night May 6.

May 7. Rain. Great chorus of bird song in early morning. Lazuli Buntings, Tanagers, Grosbeaks, Pilolated Warblers beside Song sp., Vigors Wren, Interced Warbler etc. Heard Hermit Warbler I think. Tanagers & Grosbeaks seen at noon. Rain P.M. Saw Hermit Warblers and group of purple finches in oak trees.

May 7. Miss Burroughs reported young robins just ready to leave nest. One flew out. W. Flycatcher building nest under our porch, May 8. Heard Golden-crowned Sparrow <sup>the last of last year's nest</sup> in early morning -

Also song of Rustet-backed Thrush; also Tanager. Hermit Warbler. Lazuli Bunting. Thrasher. Grosbeak and Robin - Later at Claremont Hotel, Olive-sided Flycatcher. Faculty Group went to Tyee Creek and Alamo, starting in rain.

Cloudy all day but no rain after we started - Birds very abundant <sup>several nests of Brewer's Blackbird</sup>  
Found at Tyee Creek four Oriole nests, two <sup>nests</sup> in blue oak (one last year?) one containing five eggs. Robin sitting on nest in crook of willow tree. Lazuli Buntings apparently building on stream bank. Swallows nests had been torn down from place where they have nested each summer for three years since we first visited the <sup>place</sup>. House Wren's nest in oak tree crack, both going in and out (feeding young?).

Many Buntings. Saw Willow Woodpecker and heard Nuttall. Young blue bird with spotted breasts with parents in orchard. Grosbeaks and orioles singing less than on May 2. Lutescent Warblers carrying food. At Alamo found a pair of Rustet-backed Thrushes just under bridge at north; a pair of Lawrence Goldfinches bathing. Willow Woodpeckers feeding noisy young in hole in locust trees, both parents feeding. Titmouse interested in stump of tree cut down, did not find exact location of nest. Female (no sound heard) stayed very near as we sat down to watch woodpecker's nest and slunk off through grass as we went away. A little way down the stream a Long-tailed Chat was singing. Grosbeaks singing, two males in same tree (migrating?). Many buntings, a few yellow warblers. Spotted Towhee flushed from nest<sup>(2)</sup>. Many <sup>Pileolated</sup> Warblers (some migrating).

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May 9. Cloudy. Chilly wind. There has been more snow in the Sierras. No rain. Went to Mrs. Edwin Blakes with "Lady Birds". Not many birds. Hummingbirds; Anna (two young out of nest doing pendulum but not mounting high); Allen and Rufous - Vigors Wren nesting in crack in wall, feeding young. Several Thrashers (Mrs. Blake has banded eight in last few months). Tolmie Warbler singing, also Pilolated and Lutescent. Bush tits - one nest containing young; one brood perched together on twig in Chaparral. Nest of Shrike containing young. Also Cal. Jay, W. Flycatchers, Mantid, Song Sparrow, Flicker, R.-b. Thrush, Purple Finch - perhaps one pair each.

<sup>Brown & Spotted Towhee</sup>  
No Grackles or Lazuli Buntings seen or heard.

At Mrs. Leaven's a family of titmouses, flying through the oaks.

At home passengers still about.  
May 10. Head W. Flycatcher 6:30 a.m.

May 11. Still Cloudy, chilly. As I was planting out seedlings in bed under dining room window I discovered a W. Flycatcher on the trough which stands upright in angle of house. Later one W. Flycatcher chased another past me with much snapping of bills. Later still I found the nest that had just been built under the porch, lying bottom up on the steps below. I placed it on the trough where I had last seen the birds.

High fog in Berkeley all day. Warner in Contra Costa.  
May 12. Last trip of the City Club Spring Series. Went to Tice Creek near Saranap,

Alamo and Diablo Country Club. When we stopped at Tice Creek we found a family of Slender-billed Nuthatches flying about. Young were creeping about on the oak branches but fed by parents also. A pair of Lawrence Goldfinches seemed to be building in the main crotch of a large Valley Oak. Two Ash-throated flycatchers were in the Walnut orchard. Other birds as on former trips. Orioles building in mistletoe.

Yg. Blackbirds out of nest - Linnet brooding 5 eggs. Saw Chipping Sparrow. Robin still kittting. At Alamo willow woodpeckers still in nest. No chat.

Young Anna  
Hummers at  
Diablo -  
<sup>(8-10?)</sup>  
Allen Hummer  
at Tice Creek

Yg. Blackbirds out of nest - Linnet brooding 5 eggs. Saw Chipping Sparrow. Robin still kittting. At Alamo willow woodpeckers still in nest. No chat.

May 13. Thousands of Sandpipers and Phalaropes at Dumbarton Bridge  
 One large bird was perched on a rock on edge of water next to  
 the roadway, a golden brown on back, black and white bars  
 on head, bill not very long. Just before we reached the marshes  
 a bird was hovering like a sparrow hawk but had broader  
 wings like a kite, light colored. Phalaropes were in  
 breeding plumage - both Red and Northern - Sandpipers alighted  
 in roadway, occasionally a phalarope too. Heavy fog over Santa Cruz & Big Basin & north Sonoma at Boulder Cr.

May 14. At Santa Cruz on the West Cliff Drive I stopped to  
 watch a group of birds floating near a patch of seaweed.  
 They were smaller than cormorants, two plumages. <sup>Scalpers</sup> (female)  
 dark above, lighter below, white patch behind the eye, dark bill.  
 The other (male or same sp.?) had a bright colored, parrot  
 shaped bill; dark above, lighter below. Did not see any of them  
 dive. Occasionally a female would rise far enough to flap  
 her wings as ducks do - Warm at Boulder Creek. Cold wind at Santa Cruz.  
 Clouds or fog on way home.

Berkeley. May 15. Chilly. Cloudy. Jays have been feeding young across the road. Left  
 nest some days ago. Family of four to six near Willow House out street.

May 16. "Lady Birds" went to Arroyo Nuelo beyond Livermore.

Cold. Cloudy. Found a Sparrow Hawk's nest in a hole in  
 a Sycamore tree, low enough so I could be lifted up to  
 look in. Saw three young in grayish-white downy plumage.  
 All the bridge birds were very abundant but no Ochomopepas -  
 Three nests of goldfinches (G-b., Willow, Lawrence), Lark Sparrows,  
 Lazuli Buntings, Orioles (Bullock's), W. Kingbirds, Wood Pewee, Black Phoebe,  
 yellow & banded Warblers, Killdeer, Mourning Doves, Turkey Buzz., Red-tail,  
 Chipping sp., Brown Towhee, Goshawk. W. Bluebirds building in hole in Sycamore, Bush Tit

Livermore, May 16, 1932.

Dusel, Flicker, Nuttall Woodpecker, Anna Hummer, Meadowlark, Brewer & Red-winged Blackbird. (Br. Blackbird chased ground squirrel 50 ft. to its hole) Warbling Vireo  
Violet-green & Cliff Swallow, Vaux Swift, heard. At Tyce Creek near Saratoga we found the nest of the Lawrence Goldfinch (female on it), saw Calif. Jay, Chestnut Thrush, House Wren (feeding young in nest), Spotted Towhee, Silvery Warbler, Robin, Titmouse, Allen Hummer, Slender-billed Nuthatch (heard), 4/15 p

May 17. Rain in morning. Went to Boulder Creek in afternoon -

May 18. Worked in garden at " ". Birds not abundant  
Mrs. Blake reported G.C. weather has been cold. Grosbeak & R.b. Thrush principal  
singers. Also Warbling Vireo, Yellow Warbler, Song Sparrow,  
one Olive-sided Flycatcher, Cassin Vireo, Wood Pewee, W. Flycatcher, Purple  
Finch, Pine Siskin. Heard song of Hermit Thrush from  
hill S.W. of cottage. Black-thr. Gray Warbler heard occasionally -

May 19. Warm summer day. Returned to Berkeley in late afternoon

May 20. Cooler. Decided not to spray the trees as birds have been  
so abundant during the rainy weather that they have cleaned  
off the trees sufficiently to risk leaving them. The Rufous  
Hummer was still here on May 16. Mrs. Ferguson reported no  
shore birds at Dumbarton Bridge on May 20. Rain at night -

May 21. Chilly, partly cloudy. Heard Lucy's Bunting in garden.

May 23. Lunch at Drakes Comin Club with "Lady Birds". Violet-  
Green Swallows, Cliff & Barn Swallows over lake. A group of 8-10  
Chestnut-backed Thrushes feeding in trees on bank of lake. Lawrence  
Goldfinches building nest in oak tree. Many Lucy's Buntings.  
Beautiful warm day. Chipping Sparrow & Cassin Vireo above lake.

May 24. Warm. Drove to Boulder Creek & Big Basin. Very few birds in  
Big Basin - Creeper heard. No Hermit Thrush (5 p.m.)

May 25. Santa Cruz Big Trees - 11 a.m. Many birds including

Purple Martin, Hermit Thrush, Black-throated Gray Warbler, W. Tanager near our cottage. Grosbeak principal singer at dawn. Birds not abundant yet. Yellow Warbler heard.

May 26. Berkeley - Beautiful day.

May 27. Hot. 85° in San Francisco. No gulls following any of the boats. Perhaps 100 on the water. <sup>No</sup> breezy.

May 28. Cooler with fog in late afternoon.

May 29. Went to Boulder Creek. Hot at Saratoga. Engine boiles on the grade. Many birds at Congress Springs. Ash-thr. Flycatcher, House Wren, Cassin Vireo, Song Sp., Bush-tits, Goldfinches, Grosbeak etc.

May 30. Beautiful day. Saw my first pair of quail on the place. Began enlarging front porch -

May 31. Cooler. A Chat came into lilacs near <sup>Ceanothus</sup> P.P.

about 8 a.m. Sing all day - first I have heard in region.  
<sup>Hermit Thrush across river on slope of Mt. Bon Tempe.</sup>

June 1. No Chat. Left for Berkeley at 2:30 p.m.

June 2. High fog all morning. Sunny but chilly wind from Johnie Warbler singing again.

June 5, & 7.8. Boulder Creek - very warm. Fog over ocean. Heard Tanager.

along way and at Boulder. Black-thr. Gray W. still singing.  
<sup>Black-throated Flycatcher near cottage. Heard no olive-sided there.</sup>

Berkeley - June 9. fog until 10:30 a.m. Thrasher singing after several weeks silence. Tolmie W. & Linocut heard. I song sp. singing constantly.

A pair of quail brought a brood of five little ones to porch - first seen this year. Jays still about with their family of young.

A great gnat-killing was heard above the pool. As I went out on the porch a jay flew toward me chasing a wentle which flew under the porch. Wentles did much scolding. Later women-tits above the bank across the road were squaking - jay flew out.

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June 10. Heard repeatedly the call of the Ash-throated Flycatcher from the direction of the swimming pool.

Beautiful day.

June 11. " Drove up to the Botanical Gardens, stopping frequently to observe birds. Found no Olive-sided or Ash-throated Flycatcher. Lazuli Buntings were well distributed all the way: juncos and robins near dairy & also at the Botanical Gardens: Russet-backed Thrush heard but not in constant song yet; House Wrens - two pairs at gardens, one feeding young in a nest built <sup>in hole</sup> in concrete wall under the heating pipe which runs into the glass house. Grosbeaks abundant.

June 13. Clear, warm. "Lady birds" drove to Boulder Creek lunching in Wildwood Park at Saratoga - Birds very abundant there, including Slender-billed Nuthatch, Calif. Woodpecker, Ash-throated Flycatcher, Chickadee etc. No orioles. In late p.m. spent an hour in Felton Big Trees where both Hermit & Russet-backed Thrush were singing. Saw Creepers.

June 14. Beautiful day. Calif. Woodpecker toward Brookdale. Black-throated Gray heard in <sup>four</sup> ~~more~~ places, one <sup>Saw which was</sup> constantly singing in trees at <sup>Violet-green Swallow below Ben Lomond; also Titmouse.</sup> Jap Camp. On way home stopped at Brock's aviary where we saw Cowbirds, three in aviary and one outside. Were told a flock had been about all day attracted by calls of the ones in the aviary. Crows south of San Jose.

June 15. Chilly fog in morning. Thrashers near pool. Mr. Brode reported 5 Cowbirds at his feeding table today - 2 males, 3 females. Also nests of W. Tanager at Sunol. At 4:30 p.m. started on trip up Redwood Highway. Night at Mu-

June 16. Heard Tanager at Muir. Breakfast at Willets, Dryville at noon, <sup>where I first</sup> heard Nuttall Sparrow (Pooecetes). Lunched on Bull Creek then on to Canyon Park where I found Verdin Thrashers with young out of nest. On to Maywood Inn where we spent the night. Heard five or six Varied Thrashers singing there. Pooecetes in all open spaces. Mendocino Song Sparrows

June 17. Took lunch with us and drove to Eureka and toward Crescent City. Stopped about noon on bluff above ocean. Ground covered with grass & wild blue iris. Redwoods came all about us, young in grass near where we sat down. Singing constantly. Azaleas on sunny slopes near Trinidad up. Rhododendrons under redwoods last few miles in Humboldt Co. - Retired to Weymouth Inn for the night. Beautiful clear day - Cool.

<sup>2 Shoppers before we left.</sup> Cloudy part of day. Cool -  
June 18. Sunday. Left Weymouth at 9 a.m. Picnic lunch on S. Fork of Eel river near Hickory Grove. Dangars there. Then to Weehala, Blue Lakes and Clear Lake. Spent night at Clear Lake Lodge on N.E. corner of the upper lake. Cool wind.

June 19. Left the Lodge about 9 a.m. drove along eastern side of lake stopping at Austin's on Lower Lake; then across to the town of Lower Lake and Middleton. Then over a very bad road to Pope Valley where we ate our lunch and over Howell Mt. to the town of St. Helena. Reached home 5 p.m.

Birds seen on trip:

W. Grebes ab. on Clear Lake, calling frequently even during night. The proprietors of the Lodge told me they nested early, young are nearly grown now. When out in a motor boat he had often come upon a family (usually 2 yds). The father dives until the mother comes with the young on her back even when the boat comes very near.

Farallone Cormorant - 1 on Clear Lake in front of Lodge, 1 farther south Gulf City? Several seen - in imm. plumage.  
" - Northern Western Gulls off shore toward Crescent City. Mantle lighter. Kellidus in Pope Valley.

St. Blue Heron - many on Clear Lake.

Black-crowned Night Heron - many on Clear Lake -

Red-tailed Hawks - several. One near Eureka mobbed by Blackbirds.

Sparrow Hawk. Marin, Sonoma & Lake Counties.

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Turkey Buzzards, numerous all way along. On Clear Lake a company of twenty rose from shore as we stopped the car. Probably feeding on dead fish. Near Blue Lakes one rose from highway where part of a rabbit was seen. Two other Buzzards soaring above.

Banded Tailed Pigeons. A flock of 20-30 at Weymouth the morning we left.

Mourning Doves. Abundant in Lake Co.

Screech Owls - heard at Clear Lake Lodge.

Vaux Swift - at Weymouth

Allen Hummers - " ; Anna Hummers at Clear Lake Lodge.

W. Belted Kingfisher " " ; also Clear Lake.

Harris Woodpecker seen at Bull Creek and heard at Weymouth Inn.

Nuttall Woodpecker at Clear Lake Lodge.

California Woodpecker - Ulrich, Willits, Middleton, Pope Valley etc.

North Western Flicker - Weymouth Inn. Red-shafted - Lake County.

Ash-throated Flycatcher - common at Clear Lake. One at the Lodge squatted on the wet lawn and scattered the drops for a bath.

Black Phoebe at Weymouth and in Lake Co. One under bridge in Pope Valley.

Olive-sided Flycatcher at Weymouth.

W. Wood Pewee in all sections visited where it was wooded.

W. Flycatcher at Weymouth ; also Clear Lake

W. Purple Martin heard at Weymouth - very early in morning.

Cliff Swallows at Weymouth. At Clear Lake Lodge had many nests under eaves of the Lodge where they were feeding young.

Rain Swallows - seen once or twice along way near Ulrich.

Blue Swallows - abundant at Weymouth.

Violet-green Swallows - abundant at Clear Lake.

Coast Jay - occasionally seen along Redwood Highway and at Weymouth.

South Calif Jay in Humboldt County. (Mexican Jay)

Raven - flew over as we were eating lunch on the bluff in Del Norte Co - gave very low croak.

Crows. Along Redwood Highway as far as we went and also in Lake Co - Plain Titmouse - Clear Lake Lodge.

Chickadees (Chestnut-backed). Not definitely seen.

Slender-billed Nuthatches - at Weymouth and at Clear Lake Lodge where I saw them walk along the pier and over the pumphouse roof picking up the gnats which were dormant in the early morning.

Creepers - at Weymouth and Bull Creek and Canyon Park.

Wrentit - Northern Wrentit north of Eureka on bluff above coast.

Ruddy Wren-tit at Weymouth.  
~~Brewer's Wren (San Joaquin?)~~ east of Clear Lake in hills Bull Creek  
 Western Water Wren common at Weymouth. Heard in Canyon Park & <sup>etc</sup>

Russet backed Thrush - ab. at Weymouth. None heard in Lake Co -

Mountain Hermit Thrush - heard at lunch place on S. Fork of Eel, at Bull Creek,

Varied Thrush - family with grown young in Canyon Park. Young very spotty.

Male answered when James imitated whistle and mollies got quite excited and flew very close to us - seemed to be trying to lead us away from eggs.

Western Bluebird Lake Co - Napa & Sonoma Co.

Western Gnatcatcher - South end of Clear Lake

California Shrike - near Blue Lake.

W. Warbling Vireo - common along highway, at Weymouth & Clear Lake

Hutton Vireo - east of Clear Lake, Howell Mt.

Cassin Vireo Clear Lake Lodge and Weymouth etc. Not abundant

Glistening Warbler - At Weymouth and at Clear Lake Lodge

Calif. Towhee - Everywhere along streams and at Clear Lake.

Black-throated Gray Warbler - Heard frequently in mixed woods - the denser woods above Garberville.

Hermit Warbler - One sang constantly above Bull Creek. Could not see it.

Redwood Highway - June 15-19, 1933.

Western Yellow-throat - at Clear Lake near the Lodge.

Long-tailed Chat. One was singing under my window in early morning at the Lodge.

Peckolated Warbler - Everywhere along the Redwood Highway.

Meadow Lark - everywhere in open fields.

Bullock's Mole - one at Clear Lake Lodge

Brewer's Blackbird - occasional everywhere but nowhere conspicuous.

Western Tanager - Heard at Ushia and north to Hickey Grove on S. Fork Eel River.

Black-headed Grosbeak - Everywhere in open woods -

Lazuli Bunting - " " " "

California Purple Finch - Everywhere in redwoods

Dusky - Everywhere except in redwood groves -

Willow Goldfinch - very abundant at Weymouth and up coast to

Del Norte Co. as far as we went.

Green-backed Goldfinch - None at Weymouth or north. Esp. ab. at Clear Lake.

Pine Siskin - Common along the highway. None at Clear Lake.

San Francisco Spotted Towhee. Common all way up Redwood Highway.

Calif. Brown Towhee - " " " "

Bryant Marsh Sparrow - heard near Humboldt Bay.

Western Dark Sparrow - a pair at Clear Lake Lodge, female carrying nesting

material. Very common all through Lake Co. and into Pope Valley.

Juncos (Sierra?) near Laytonville, perhaps south?

W. Chipping Sparrow - Common throughout.

Nuttall Sparrow (fringilla) first heard at Dryville Bull Flat (on grassy hillside)

Very common from there on as far as we went, Mg. out of nest at northern limit.

Mendocino Song Sparrow - at Weymouth down and north.

Clear Lake

I made several records of the songs of the Nuttall Sparrow (*pugetensis*). All types had a quality which reminded me of the Mountain White-crowned Sparrow. At Scotia among the burned stumps and in a garden in the center of town it sang: tree-e-e chip-chip-chip. burr-r, the first note prolonged and rising slightly in pitch, the second(chips) very rapid; the third very rough. The intervals were less than thirds, giving a minor effect.

At Canyon Park one sang — — — — —, burred and very vibrant.

(accents)

At Weymouth Inn another variation used was — — — —

Farther south I heard one sing — — — —

June 20. Berkeley. Warm perfect day. Recorded song of Nuttall Sparrow on campus. The usual song was: — vvvvvv. It contained no rough burred notes. Sometimes the first note was omitted. The last phrase was rapid, almost a trill. Thrasher and Tolmie Warbler still singing.

June 25. Young thrashers near pool east of house.

June 30. Mrs. Sims, Mrs. Blair and I drove via Redwood Canyon, Upper San Lando dam, Castro Valley to Dublin, then to Sunol and Calaveras dam. Weather clear, cool breeze. Made stops all along the way and saw following birds.

Ht. Blue Heron - Calaveras reservoir.

Killdeer - beyond Sunol.

Turkey Vulture - from Dublin on.

Sharp-shinned Hawk - in woods near stream above Sunol.

W. Red-tailed Hawk - in hills beyond Sunol and above S. L. dam.

Sunol Trip - June 30, 1933.

Sparrow Hawk - Seen many times in open country.

Golden Eagle ? (Sailing steadily high in air near Sunol Temple)

Calif. Quail - in valley above Sunol; yg. on hillside above.

Mourning Doves - Calaveras Valley.

Allen Hummer - Graham's Riding Academy -

Mithall Woodpecker - heard repeatedly in oaks from Dublin on

Calif. Woodpecker - near Sunol and in Calaveras Valley.

Flicker - in Calaveras Valley.

&gt; Lewis Woodpeckers - on telephone poles two miles above Sunol.

Western Kingbird - " "

Ash-throated Flycatcher near Sunol.

Black Phoebe under bridge on Calaveras Creek.

W. Wood Pewee

" "

Western Flycatcher - Redwood Canyon &amp; " "

Cliff Swallows - nests crowded under arches in water tower at  
Calaveras Dam.

Yellow-billed Magpie - Calaveras Valley above Sunol.

Coast Jay - Redwood Canyon and Calaveras Valley.

Calif. Jay - " " " " "

Titmouse - " " " " "

Slender-billed Nuthatch in woods near stream in Calaveras Valley.

Wren-tits - on hillsides in Redwood Canyon &amp; Calaveras Valley.

> Rock Wren - a pair in rocks on Calaveras Dam - another pair  
on rocks above road a little below.

W. House Wren - Miss Graham's Riding Academy and Calaveras Creek.

Calif. Thrasher - " " " "

Russet-backed Thrush - Redwood Canyon, Sunol, Calaveras Valley.

Robin - Miss G.'s Riding Academy.

W. Bluebirds - Calaveras Valley almost up to dam.

W. Warbling Vireo - Redwood Canyon, Sunol & Calaveras Valley along stream -  
 Cassin Vireo - only one heard near Calaveras Creek.  
 Luteous Warbler in Redwood Canyon  
 Yellow Warbler - on Calaveras Creek  
 Tolmie Warbler - in Redwood Canyon  
 W. Yellow-throat - in Cattails above Sunol.  
 Pileolated Warbler - in Redwood Canyon & on Calaveras Creek.  
 Redwings Blackbird near San Ramon  
 W. Meadowlark - a few before we reached Redwood Canyon.  
 Brewer Blackbird - one or two flocks flying close together - also  
     single birds or in groups on ground.  
 Black-headed Grosbeak. Redwood Canyon to Calaveras Valley Sunol  
 Lazuli Bunting. " " " " " Sunol  
 English Sparrow - Sunol.  
 Calif. Purple Finch - Redwood Canyon and Calaveras Valley.  
 Linnet - every where. Nesting under tiles at water tanks at  
     Sunol and water boxes in Calaveras water boxes.  
 Green backed Goldfinch - common. Only goldfinch seen except  
 Lawrence Goldfinch at Miss G's Riding Academy.  
 Pine Siskin " " " "  
 Spotted Towhee - each stop except on grassy hill sides  
 Brown Towhee - " " " high "  
 Juncos (Pt. Pinos) - on high hill (wooded) on road up to Cal. dam.  
 Chipping Sparrow - most abundant at Miss Graham's (horse hair ab)  
 Mottled Sparrow - none after we left Mt. Blvd.  
 Song Sparrow - Redwood Canyon and Calaveras Valley.

Did not happen to see Bush-tits or scrub-jays.

56 species.

May have been Phainopeplas above Sunol -

Berkeley, 1933  
Lake Tahoe & Echo Lake.

July 1. A thrasher was seen near the curb above our place trying to dig in the ground with its bill. Both legs were injured so it could not brace itself. Half an hour later I took breads and <sup>then</sup> threw bits of it near the spot where the thrasher had been.

He came out from a thick tangle of blackberry vines and ate them.

July 2. Went to Boulder to stay over July 4. Warm.

July 3. Heard song of Black-throated Gray warbler beyond Glenmae.

Just after noon a Tanager sang several times and gave the <sup>call</sup> pic-tic.

July 4. Walked along Alta Via - quite sure I saw a robin Hot.

July 5. Cooler. Returned to Berkeley.

July 6. Cooler.

July 10. Drove to Echo Lake, crossed to Upper Echo where we visited Miss Gladding - 7500 ft. alt.

July 11. Walked to Tamarack & Rainbow Lakes. Quite hot. Beautiful junipers, Jeffrey Pines, Ponderosa pines, Red firs

aracels on lower levels; junipers, tamaracks, hemlocks and Mountain Pines higher (7800)

July 12. Drove to Lake Tahoe, Rubicon Beach, where we visited Mrs. Howard Fletcher. Jeffrey pines, silver red fir, white fir (a few), tamaracks etc., much manzanita, white lilac, deer brush. Noticed white fir on Phillips Grade. Birds at Echo Lake and

July 13. Drove to Tahoe City about 11 a.m. and after lunch to call on Mrs. Hamlin whose place contains

31 acres. Birds at Echo Lake and above and at Lake Tahoe: Sparrow Hawk at Rubicon Beach

Mt. Quail, one heard at Echo, one at Rubicon; <sup>Clark's</sup> Crow com. at Echo & Rubicon

Blue-fronted Jay all levels, one heard singing at Echo Lake.

Cliff Swallow, Wood Pewee; Wright's Flycatcher in manzanita at Rubicon; Flicker (general)

White-headed Woodpecker at Rubicon Beach (<sup>Treecreeper</sup> ~~Violet-green Swallow~~) nesting in piles at Rubicon;

Cliff Swallow at Tahoe City, <sup>Red-breasted Noddies</sup> Tree Swallow rich near Echo and at Rubicon; Sierra Creeper heard

Rusty-crowned Kinglet - one at Rubicon

at Mrs. Hamlin's, W. Tanager heard at Echo but very common at Tahoe, feeding young at Mrs. H.'s.

Siberian Thrush <sup>Sierra</sup> at Echo.

Western Robin (gen), nest with sp. at Echo; Mt. Bluebird (general), nest in dead stub 10 ft. up at R.

Marbling Vireo in willows and aspens, more com. at Tahoe; Audubon W. (gen); Calaveras Warbler?

Yellow Warbler - at Tahoe City & Rubicon in pines; Paleolated W. at Echo & Mrs. H.'s; Mt. Chickadee (gen)

Green-backed Goldfinch (abundant); Pine Siskin (a few); Sierra Junco (gen); Lazuli Bunting at Rubicon; Fox Sparrow

in manzanita all levels; Green-tailed Towhee little; Evening Grosbeaks at The Hut near Homewood, eating gravel in road

ured side of bill in picking up gravel; Cassin Purple Finch ab. at Echo; W. Clipping Sparrow (general); Mt. White-crowned Sparrow general in meadows; <sup>modoc</sup> Mtn. Song Sparrow at Tahoe City; Black-headed Grosbeak, one near Lelanian Bay; Russet-backed Thrush one at Tahoe City; Brewer Blackbird on Lake Tahoe.

Calif. Gulls on Lake Tahoe, saw six flying just under Rubicon Peak in early morning; Ducks (sp.?) on lake near Mrs. Hutchins. She told me they nested in a hole in a tree near her house and flew over the house at times. She was told they were Wood Ducks. Did not see them at close enough range to identify them. At Auburn young Purple Martins were perched on wire opposite railway station. Weather warm, clear except for heat clouds. Mrs. Fletcher showed me dead tops of small willows along lake shore, each one girdled by Sapsucker holes.

July 16. Boulder Creek. A deer came up the R. R. track and turned into the woods opposite our house. Hot.

July 20. Spent a few hours at Moss Landing. Hot at Boulder. Cool, foggy at Moss Landing. Saw following birds.

- |   |                             |
|---|-----------------------------|
| 1. Red-throated Loon - one - bathing and preening in the lagoons. | 15. Hudsonian Curlew 10+    |
| 2. Farallon Cormorant - 1, + as three.                            | 16. W. Willett 8-10         |
| 3. Black-crowned Night Heron - one)                               | 17. Long-billed Dowitcher ? |
| 4. Gr. Blue Heron - several.                                      | 18. Western Sandpiper       |
| 5. Cinnamon Teal - 3.   | 19. Least "                 |
| 6. Pintail 3-12-15  | 20. Marbled Godwit 10-12    |
| 7. White-winged Scoter - 8-10.                                    | 21. Western Gull - 20+      |
| 8. Brown Pelican 75±  | 22. Calif. " 2              |
| 9. White Pelican - 3  | 23. Ring-billed " 2         |
| 10. Turkey Buzzard - 1  | 24. Forster Tern 70+        |
| 11. Marsh Hawk - 1 - brown.                                       | 25. Least Tern 40+          |
| 12. Killdeer 15-20  | 26. Mourning Dove - 3.      |
| 13. Semipalmented Plover - 2                                      | 27. King Fisher             |
| 14. Long-billed Curlew - 2  | 28. Cliff Swallow - a few.  |
|   | 29. Barn Swallow abundant.  |
|   | 30. Redwing & Blackbird     |
|   | 31. Brewer "                |
|   | 32. Meadow Lark             |
|   | 33. Linnet                  |
|   | 34. Ind. Sparrow            |
|   | 35. Willow Goldfinch        |
|   | 36. Gray-tailed Sparrow     |
|   | 37. White-tail Sparrow      |

Cutting Green Heron at Twin Lakes near South Lake

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Aug. 7-12. Boulder Creek. Weather increasingly warm - up to  $106^{\circ}$  one day. Spent those afternoons at the shore to keep cool. Birds were numerous. A Black-headed Grosbeak was heard singing frequently a snatch of song on Aug 8 and 9 and calling on later dates. Kingfishers were frequently heard. Many juncos, chickadees. Call of young Cassin Vireos heard several times. Black Phoebe near cottage. Usual tinkerers, jays, Woodpeckers. No song sparrows heard except at beach and near Zoguel. Along shore a few Heermann Gulls, Brown Pelicans, one Wandering Tattler. Pheasant on the ocean but not on lagoons. Young Anna Hummers in garden. Saw no Allen's. No quail in garden. One Thrasher heard near cottage. One pair of Cliff swallows still feeding young in nest on cliff above Santa Cruz.

Aug. 14. Lady Birds visited Botanical Garden to study hummingbirds.

In tobacco field, Anna H. were more numerous; among petunias there were many imm. Allen's. <sup>A few adults of each.</sup> No other species were seen. Other birds seen: Sh. Sh. Hawk, <sup>Bunting</sup> Dusky Warbler, Song Sp., many Brown Towhees, Nuttall Sparrows, Linnets, G. & G. Goldfinch.

1 Morning Dove. Heard Thrasher, Sisim, Gnatcatcher, Cal. & St. Jays. <sup>Flicker, Fugus man</sup>

Saw a Laz Bunting on wire on Mosswood Rd. Elderberries and weed seeds main food of sparrows. Clear, cool.

Aug. 16. A Bluebird flew over, flying high and calling.

Aug. 17. Heard call note of a Lazuli Bunting

Aug 20-25. Have heard the notes of W. Bluebirds as they pass over

the canyon. On Aug 25 about 6 or eight alighted on a wire above the house.

Aug. 28. Several day. Bunting on elderberry at Mary Adams.

Aug. 29. A Rust-backed Thrush called repeatedly outside my window at dawn.

A flock of 40-50 quail, mostly about  $\frac{1}{2}$  grown and many trying to give the three syllabled call of the adult came to the pool then wandered through the garden. They swarmed over the brick pavement at the front door then along the path or the top of the wall to the steps and so into the street. One group of 15 qq. and two adults turned back at the steps and returned to the front door and then up the hillside. I noticed three females (ad) and three males (one the tuncore) and three sizes of young. Probably a combination of three families. Went to the city in the afternoon. A few gulls followed the boat for a little way. At the S.F. landing there were many gulls alighted next one of the slips.

Aug 30. Lady Birds went to San Mateo Bridge. At the first slough a Clapper Rail was feeding on the edge. The Clapper Rail crossed the highway and followed a small slough. We walked across on this, traveling beside this, and the Rail went up on to the ploughed ground about six feet from us where it pursued insects paying no attention to us. A flock of <sup>white</sup> Pelicans soared over us, perhaps 30 altogether. A few ducks were seen flying, but none on the water. Shore birds seen were H. and Red Phalaropes, Avocets (3 or 4) <sup>(1000 ft at Dumbarton)</sup> many <sup>(100 ft)</sup>, many <sup>(100 ft)</sup> Marbled Godwits, W. Willets, Hudsonian Curlews, <sup>20+</sup> B.-b. Plover, <sup>100 ft</sup> Killdeer (1), Semipal. Plover (1); Snowy Plover (6-8). At Dumbarton Bridge we saw Pied-billed Grebes (3), Black-crowned Night Herons (6-8), Gt. Blue Herons (several), Caspian and Foster Terns. Sandpipers were very abundant at both bridges but no Redshanks were seen. One Marsh Hawk was seen, many Brewer Blackbirds, at Dumbarton a number of Cliff and Barn Swallows, a few Marsh Song Sp. & Bryant Sparrows.

Aug. 31. Heard a Groovebeak near the house.

Sept. 4. Mrs. Parsons reported a brood of very young quail in her garden.

Sept. 7. Drove to Los Angeles with Mrs. Blanks and Mrs. Ferguson.

Lunch at King's City. From Almaden we drove directly to Moss Bay Low tide. Shore birds numerous - mostly godwits, Willets nest most

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abundant. Only two Dowitchers seen and two (Lesser) Yellowlegs, smaller than Willets, very active, more slender than Willets and walked differently; gave a pt pt' call when feeding and a loud phew, phew, when flying. Godwits notes were all hoarse. Willets notes were clear, loud and penetrating, also varred. A few Curlew seen.

A number of Brown Pelicans and some White Pelicans. In the

Sept. 8 morning we watched them again, finding the same species.

Blue Tern had dark lining to wings (possibly a small gull. Tail showed no fork.) Bluebirds and Lawrence Goldfinches were on the shore. Red summer crossed highway between Morro Bay & San Luis. Breakfast at San Luis Obispo, lunch at Santa Barbara <sup>Hop</sup> over ocean. Visited Santa gray mission. (orel not set islands. Clearer after we left Olymard - Cool everywhere)

Reached L.A. about 4:30. Many Sparrow Hawks. Godwits & Curlew on shore.

Sept. 9. Several mocking birds in garden at 4536 W. 18<sup>th</sup> St. Spent day visiting at Calos Verdes & Beverley. Cool. Saw night-blooming Cereus 8:30 p.m.

Sept. 10. Still cooler. Church a.m. Relatives came p.m.

Sept. 11. 8:45 a.m. Started home. Foggy. Lunch at Santa Barbara. Rd meadows very beautiful. Dinner at San Luis, night at Paso Robles.

Sept. 12. Left Paso Robles about 9 a.m. <sup>Cool</sup> Roadmeadow near San Juan. <sup>Roadmeadow near San Juan.</sup> <sup>Lunch at San Juan opposite Mission.</sup> Wonderful begonias, eight feet high in dining room. Sun came out.

Reached Berkeley about 4:30 p.m. Yellow-billed Magpies in Santa Cruz Mts.

Sept. 14. Song Sparrows & Vireo Wren in full song. Heard Tanager; also a call I could not identify, harsh, loud. Not Thrasher or mocking bird. (Copper Hawk?)

Bluebirds near house. Cool with low fog in <sup>early</sup> morning.

Sept. 15. Trace of rain last night. At end of Arlington Ave birds few. Meadowlarks, Flickers, Alaska Yellow Warblers (5 in baccharis bushes), Nuttall & Song sp., Per. & Spotted Towheas, Redtail sp. Hawk, Thrasher (singing), Wren-tit (singing), Vireo Wren (heard). Clear.

In the afternoon a Western Tanager flew against Mrs. Parrish's window, stunned but came too after an hour.

Sept. 24. Heard Canager at Boulder Creek. Crossed Dumbarton Bridge - Thousands of phalaropes. Tide very high. Least Sandpipers numerous. 13 White Pelicans, Several Black-crown Night Herons and 1st. Blue Herons - Not more than 6 gulls; two Caspian Terns<sup>(2)</sup>. No ducks or grebes.

Sept. 27. Intermediate S. Sparrows in North Berkeley. Savanna Sparrow reported at end of Arlington Ave.

Sept. 29. Russet-backed Thrush under my window.

Oct. 3. Golden-crowned and Fox Sparrows singing at 7 a.m.

Heard one Pugetensis up Canyon above swimming pool. Saw Mockingbird

Hot

Saw a group of Townsend Warblers.

Oct. 6. Saw Pileolated Warbler. Mr. Leavens reported Red-breasted Nuthatch 2 weeks ago

Found only one Fox Sparrow, a few Golden-co. & Dut Sparrows. Several Hutton's Vireos.

Cooper and Sharp-sh. Hawk. Small kept up continuous quiet flight while hawk near. Weather changed at noon. Fog -

Oct. 7. Foggy in Berkeley. Drove into sunshine at Saratoga. Perfect at Boulder. Dut. Sparrows generally distributed. Heard no golden-co. Blue Fox Sp. at 11.

Oct. 8. Rained from sunshine to fog in Berkeley. Mockingbird singing at Calif. Nursery, my Miles.

Oct. 9. House Wren, Varied Thrushes, Townsend Warblers in Strawberry Canyon.

Oct. 10. Grinda. Huge flocks of Gambel Sparrows. Some Golden-crowns. A warbler looked like Lutescent. Watched California Woodpeckers storing acorns. Sl. b. Nuthatch at <sup>Oak Spring</sup>.

Oct. 12. San Mateo Bridge. Fog and sun. No wind. Saw 2 Eared Grebes, 6-8 Ring-billed Gulls,

25 White Pelicans (at Dawn), 4 Am. Egrets (at Dawn), Pintails (?), 1000's godwits, 1000's willets,

B. Flores (100s), 3 Semipalm. Fl., 300+ Rust. Sandp., Western & Least, 2 N. Phal., 1 Cat. 30+ Gulls, 1 Clap. Rail, many 1st. Blue Herons, 8-10 Black-c. & M. Herons (at Dawn) many pipits (at Dawn).

Oct. 15. Hermit Thrush and R-C. Kinglet at Boulder Creek. Warm.

Oct. 16. Hot in Berkeley. Oct. 17 Hot w. east wind. Oct. 18. San Mateo Bridge Same species as Oct. 13

plus Tern, Pigeon Hawk, a few Bon. Gulls. The pigeon hawk was worrying a small flock of small white birds which I could not identify - possibly Least Terns flying close together. Saw no phalaropes or grebes or rails. No pelicans or egrets at San Mateo. Thousands of godwits and willets collected on a mud bar a mile from the bridge until tide turned, then swooped over our heads as we sat near their feeding place. Hot.

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(Oct. 19. Hot, no wind. Many hermit thrushes - the first time I have seen or heard them near the house. <sup>this fall,</sup>  
Also Varied Thrushes, Robins, Ruby-crowned Kinglet, Fox Sparrow - Gambel's at mouth of canyon.  
Mrs. Heron told me Bluebirds had been eating their catalpa berries last winter.

(Oct. 21 Cooler. Lake Springs and Orinda. Saw and heard over 30 species - Drail.

Redtail, Marsh, Sh. Sh., Sparrow Hawks, Calif. Nuttall, Downy Woodpecker and Flicker,  
Bl Phoebe, Killdeer, Mallards, Ht. Blue Heron, Br. Blackbird, Titmouse, Bush-tits, Slender-billed  
Nuthatch (heard) Wrentit, Vag. Wren, Cal Jay, Coast Jay, Shrike, Varied Thrush, Hermit Thrush,  
Ruby-cr. Kinglet, Mountain Chickadee.

(Oct. 22 - 24 - See winter Brown Towhee, Sp. Towhee, Sp. Purple Finch, Linnet, Ht. T. Willow Goldfinch, Grubbe & G.C. Sp., Song Sp.

(Oct. 25. Hundreds of Red-Wormeys at Cordonices. Watched them eating Myrica berries.

(Oct. 26. Lady Birds at Lake Merced. Yellow-throats very abundant. Saw & Red-bellied Grouses.

(Oct. 28 - 30 Rain (3 in.) (Oct. 30 Heard notes of Killdeer in evening.

Nov. 1 - 3. Clear, Brilliant. Nov. 3. Lake Merced. On bay a few Bon. Gulls. At Cliff  
House 35 Black Turnstones at Lake Merced. Yellow-throats not so ab. as Oct. 26.

Nov. 4. To Boulder Creek via S. F. Skyline to Half Moon Bay and along coast to Santa Cruz.  
Brilliantly clear. Flock of 50 White Pelicans crossed just outside Golden Gate. Brown  
Pelicans at Half moon Bay. Two large flocks of birds (pelicans) far out. One flock of  
small shore birds (sp.?).

Nov. 7. Tuesday class went to Lake Merced. Beautiful day. 42 species seen.

5 species gulls, 3 sp. gulls. 1 loon, 2<sup>nd</sup> herons; Horned Larks, Killdeer and Meadow  
Larks at Cushing Field (50+ each),<sup>+ pup.</sup> Blad. & Ruddy Turnstones & Surf. Bird at Seal Rocks,  
2 Hrids Scoters on bay, 5 sp. ducks on the lake (Cano, Ruddy, Pintail, Bluebill, Mallard),  
Unknown duck on lake at Presidio. (Brown and cinnamon with <sup>white</sup> angular mark on chest  
and orange bill. Hybrid?)

Nov. 10. Grizzly Peak and Lake Springs. Weather still clear - a little N. wind. Birds less  
numerous. Hawks, Marsh, <sup>and Choper</sup> near Grizzly Peak, 4 Redtails lower down. 1 Sparrow, 1 Sharp-shin-  
Golden Eagle? flew over Lake Springs. Large, flight a smooth sail on ret wings; wing concave  
on rear, tail narrower and longer than Redtail. White area near base of tail underneath.  
Varied Thrush and W. Winter Wren near stream at Lake Springs. House Wren heard.

Visited March  
Hawk and drove  
away

1933.

{ Nov. 11  
Nov. 12

Met with Mrs. Kibbe and Mrs. Stout to Los Banos via Pacheco Pass. Warm Drove through the refuge. As it was Sunday shooting was going on outside and many ducks and geese sought safety in the refuge but they were very wild and rose en masse when our car came near the ponds. There were thousands of Lesser Scaups here, not so many White fronted. Canada and Hutchins were few. Ducks were marred in a large pond on the eastern side of the refuge - mostly mallards, Green-winged Teal; a few Baldpates, Ring-necked, Gadwall. Too mld for close views. A few Am. & Snowy Egrets, 4 White Pelicans, 76 White Swan, 3 Florida Gallinules, innumerable Coots; Virginia Rails heard, several Bitterns seen, 40 Blue & Black-cr Night Herons, W. & Red-b. Sandpipers (a few), and an occasional Calif. or Glaucous wing-tail. Many hawks; Sparrow, Marsh, Redtail, Prairie Falcon and Fer. Rough Leg - One flock of 20-30 Curlews (Hudsonian) flew over and a few white faced Glossy Ibis and Black-necked Stilts were seen at a distance mixed in with Snow Geese. A few Avocets and Western and Pied-billed Grebes were seen. Common land birds were Meadow Larks, Horned Larks, Pipits, Scrub Jays, Tail Wrens, Yellow-throats, Flickers, Song Sp., Gambel and Benguet Sora, Sparrows, Barnardia sp., Brewer & Redwing Blackbirds, a Black Phoebe, Willow Goldfinch.

58 species 2 Tree Swallows, 1 Mourning Dove, 1 Nuttall Woodpecker, many Aud. Warblers and a few Say Phobes in the refuge. 1 Pine Siskin - 1 Burrowing Owl

In Pacheco Pass we found Dark Sparrows, Lewis Woodpeckers, Yellow-billed Magpies, Coors, Calif Jay, Bush-tits, W. Mockingbird (Saw this at E. end), Slender-billed Nighthatch and Calif Woodpeckers. Titmice, Turkey Buzzard and at Lake Felicie Eared Grebes. At E. end of the Pass we watched a Fer. Rough Leg rise from the ground with heavy beats just past a few rods, then drop to catch a squirrel which he carried a short distance. He settled on the ground where he covered the squirrel with spread wings while another hawk of same sp. stood nearby. Across the road a Prairie Falcon flew swiftly with quick wing beats, showing black at tail. Another hawk with very white underparts stood high on long legs (Fer. Rough Leg?).

In the marshes south of San Francisco we saw many sandpipers (L.W. & Red-b.), Sanderling, Killdeer, a Clapper Rail, Bonaparte Gull, and large flock avocets. When a Prairie Falcon struck at a Killdeer the Killdeer gave a rapidly repeated "dee, da, da, da, da". Total number species 100. Saw a Golden Eagle dropped to the ground where he caught a rabbit, then rose and flew away to the hills near Pacheco Pass. In same field a White-tailed Kite perched on a fence post. Other species on way Linnet, Vireo Wren, W. Goldfinch, W. Calif. Glaucous-wing Gull, Robin, W. Bluebirds. Total number sp. 80

Nov. 13-26. Warm, no rain.

Nov. 26 Heard a House Wren on Claremont Blvd. Saw a Wilson Snipe on Calaveras Ch.

Nov. 26. Went with Mrs. Fletcher to lunch with Mrs. Buck near Palo Alto. Warm. At

Dumbarton Bridge there were hundreds of Bonaparte Gulls settled on the water and picking some insect off the surface. All calling together, making a great chattering. Also 8+ Am. Egrets, many Blue and Black-crowned Night Herons. On return trip we counted 49 Black-crowned N. Herons. At Mrs. Buck's Creepers were seen on the elm trees, a perfect match on the bark. Both Chickadees & Titmice. Many Thrashers, very tame, whistler song.

Nov. 27 Lady Birds found Say Phoebe and Fer. Rough Leg Hawk in Dumbarton Hills.

Nov. 28. Cooler, cloudy.

Nov. 27, 28, 29. Cold north wind.

Nov. 30. Thanksgiving. Warmer.

Dec. 1. Lunched at Calaveras Creek on way to Boulder. Snipe, Coots, Pied-bill Grebes, Killdeer, Night Herons, Black Phobes, Redwing Blackbirds, Song sp., Kinglet, Titmice, Wrens, Sparrows.

Dec. 2. Rain p.m. except Santa Clara Valley to Walnut Creek. At Boulder Creek Chickadees, Creepers, Varied Thrush, Hilton Terns, Vireo Wren, Black Phoebe, Cedar, my, juncos above. Fer. Rough Leg was seen.

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- Dec. 9. Saw a Ferruginous Roughleg Hawk near Simo. All white underneath. back light ferruginous, wings also except white "window" on upper surface. It was circling over a hill, then crossed the road and alighted in a tree in an orchard near the Water Temple. A large flock of black birds mobbed him and he flew off with heavy flaps toward the S.E. A flock of crows flew over as we approached Mission Bridge. Two Canvas-backs were on the pond.
- Dec. 10. Rain at night. Dec. 11. Rain Dec. 15. Still raining.
- Dec. 20. Left Berkeley at 11 a.m. for Los Angeles. Weather fine and Meadowlarks singing all along the way. Spent night at Pass Robles - frost in morning.
- Dec. 21. Drove past Santa Ynez Mission, lunched at Santa Barbara - warm as summer. Los Angeles via Santa Monica. Reached Berthia's house at 5:30 p.m.
- Dec. 22. Went to Palos Verdes. Warm, clear, beautiful view of snow-capped mts to east.
- Dec. 23. Some fog, increasing Dec. 24 when it lasted all day.
- Dec. 25. Palos Verdes. Fog lifted a few minutes in middle of day.
- Dec. 26. Warmer, clearer. Drove out to call on Rubens and Morgans.
- Dec. 27. Lunched party at Berthia's.
- Dec. 28. Went to Pasadena, Monrovia and Pomona. Partly cloudy.
- Dec. 29. Left Los Angeles at 10:05 a.m. for Berkeley. Cloudy - Stopped at San Fernando Mission; lunched at Hermanns on Ridge. Went to Porterville and spent night at Visalia. Warm.
- Dec. 30. Went to Harford then by country roads across to Mendota exp. p. - tried to go through Pacheco Pass. Heavy rain had made the road too slippery. Dined at Los Baños for lunch then home via Pacheco Pass. Rain after 2 p.m.
- Dec. 31. Berkeley. Rain but not cold. A Varied Thrush, male in full plumage flew against window in glass porch and killed itself. Specimen.

Birds seen on trip to L.A. and return, Dec. 20 - Dec. 30, 1933

Calif. Brown Pelican below Oxnard

Cormorants (sp.) near Redondo

White-winged Scotters - Hollywood Pierice.

Bluebills near Oxnard

Ducks (sp?) Los Baños (driving - no stop)

Sharp-shinned Hawk bet. Simo. & Mission San José

W. Redtail - Santa Clara Valley & San Joaquin Valley

Fer. Roughleg, near Santa Ynez, near Porterville, near Harford (dead one or broken wire")

Marsh Hawk - near Tracyville  
Praine Falcon - Los Baños  
Sparrow Hawk - general exp Ridge  
Dusky near Pass Robles  
Coots <sup>seen</sup> near Oxnard & Los Baños and on San Joaquin River

Killdeer near Simo, and many others  
Goulding below Oxnard, 1 flock  
Isula Hermann, Ring D. W. S. Open  
Morning Doves at Porterville & Harford

Roadrunner, one on lawn near R. K. Pitcairn's west door Dec. 26.; one near Hanford (N.W.)  
Burrowing Owl - 2 flew across road as we neared Palos Verdes (6 p.m.)

Anna Hummer - Pomona

Calif Woodpecker - Paso Robles, Visalia, + Pacheco Pass

Red-shafted Flicker - Simol, Porterville, Hanford N.W. (bare country, no trees),  
Say Phoebe <sup>South of</sup> ~~near~~ Santa Barbara,

Black Phoebe - Paso Robles,

Horned Lark - Fresno Co. - N.W. Hanford

Yellow-billed Magpie N.W. of Hanford (flying over) Pacheco Pass.

Calif Jay near Mission San Jose

W. Crow near Mission San Jose, Paso Robles.

Plain Titmouse " " " Pacheco Pass, Monrovia etc.

W. Mockingbird Los Angeles, Pomona, San Joaquin Valley to Pacheco Pass

Hermit Thrush

W. Robin - many near Simol, Paso Robles.

W. Bluebird, Simol, Visalia.

W. Gnatcatcher Pomona, San Fernando Mission  
(Pipete - San Joaquin Valley - Below Paso Robles.)

Calif Shrike - general esp. Ridge Route -  
Audubon Warbler - general in Valley - orchards -  
Dusky Warbler - Palos Verdes

Red-winged Blackbird - Los Banos

Brewer Blackbird

Meadowlark - Singing everywhere in open country in Valley.  
Eng. Sparrow Gorman, San Joaquin Valley, Cities - diminishing!

Calif Purple Finch - Pomona

Green-backed Goldfinch " Carpenteria

Gambel Sparrow - Carpenteria, Simol, San Joaquin, Pomona

H.C. Sparrow

Song Sparrow

Linnets - flocks on wires - Santa Clara Valley, San Fran., Paso Robles etc., etc. etc.  
Singing Carpenteria, Pomona.

No birds were seen along the Ridge Road except Eng. Sparrows at Gorman and Crows near Lebec. No stops esp. Gorman for lunch (cold). Birds more ab. as we approached Bakersfield. Many old nests in bare trees.

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